

Calendar

Jan 1961 - March 1962



WEEK OF
Jan. 1-7, 1961

CALENDAR

WEEK OF
Jan. 1-7, 1961

OF DUKE UNIVERSITY



Events of the Week

Sunday, January 1

Denominational Meetings. See special notice.

11:00-11:30 a.m. Service of Worship. University Chapel.

Tuesday, January 3

8:10 a.m. Classes are resumed.

10:10 a.m. Divinity School Chapel. York Chapel.
Speaker: Mr. Art Hunsley.

4:15-6:00 p.m. Duke Concert Band Rehearsal.
Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women:
faculty, staff members, and students.

5:30 p.m. French Table and Spanish Table. East
Campus Union Building.

8:15 p.m. "The Music of the Congo" Lecture sponsored by
Departments of Music and of Sociology. Speaker: Mr. Hugh T. Tracey. Asbury
Auditorium.

Wednesday, January 4

10:10 a.m. Divinity School Chapel. York Chapel.
Speaker: Mr. William Love.

4:15 p.m. Zoology Departmental Seminar. Room
113 Biology Building. Speaker: Dr. Sheldon Wolff.

4:30-6:00 p.m. Duke Madrigal Rehearsal. Room
109 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women:
faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University
Chapel.

7:00 & 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Hiroshima, Mon Amour." This French film is a searing, sophisticated philosophical drama, anti-war and existentialist in theme. "A landmark in motion pictures. Undoubtedly a masterpiece!"—*Saturday Review*. "A thousand films in one!"—*Time Magazine*. "A film that one can predict will still be important 50 years hence!"—*Herald Tribune*. First Durham showing.

8:00 p.m. Duke Law Dames Meeting. Law School Lounge. Program: Film on rescue breathing followed by business meeting.

Thursday, January 5

10:10 a.m. Divinity School Chapel. York Chapel.
Speaker: Dr. Stuart Henry.

IMPORTANT—Notices for the Duke University Calendar should be submitted
IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later
than 1:00 p.m., Thursday. Telephone 2911.

- 1:00 p.m. YMCA Mid-week Service. University Chapel.
- 4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.
- 5:00 p.m. Faculty volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, January 6

- 10:10 a.m. Divinity School Chapel. York Chapel. Holy Communion, Dr. Stuart Henry presiding.
- 12:30 p.m. Muslim Students Association Meeting. Room 207 Flowers Building.
- 3:00 p.m. Political Science Graduate Seminar. Guest speaker: His Excellency, Dato' Nik Ahmed Kamil, Malayan Ambassador to the United States.
- 3:00 p.m. Final examination of Miss Isabel Wood Rogers for the Ph.D. degree in Religion. Room 304 Divinity School.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Herbert Wright.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.
- 8:00-10:00 p.m. Co-Rec Square Dance Night. Woman's College Gymnasium. Open to all.

Saturday, January 7

- 2:00 p.m. Varsity Basketball: Duke versus N.C. State College. Indoor Stadium. Television Coverage.
- 7:00 & 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Hiroshima, Mon Amour." This French film is a searing, sophisticated philosophical drama, anti-war and existentialist in theme. "A landmark in motion pictures. Un-

doubtedly a masterpiece!"—Saturday Review.
 "A thousand films in one!"—Time Magazine.
 "A film that one can predict will still be important 50 years hence!"—Herald Tribune.
 First Durham showing.

"THE MUSIC OF THE CONGO" LECTURE

The Department of Music and the Anthropology Division of the Department of Sociology and Anthropology will present Mr. Hugh T. Tracey of South Africa, Director of the International Library of African Music and Executive Secretary of the African Music Society, in a lecture entitled, "The Music of the Congo," on Tuesday, January 3rd, at 8:15 p.m. in Asbury Auditorium. Mr. Tracey's lecture will be illustrated by colored films and recordings. The public is cordially invited to attend.

Born and educated in England, Mr. Tracey first became interested in the collection of African music as a hobby and has traveled extensively through Central and Southern Africa, studying and recording its indigenous music. In 1931 he received a Carnegie Fellowship grant for a survey of Southern Rhodesian folk music. From 1934 to 1946 he was Regional Director of Broadcasting for the South African Broadcasting Corporation. In 1947 he founded the African Music Society of which he is now the Executive Secretary. He became Director of the International Library of African Music in 1954. Mr. Tracey is the author of several books on African music and has recorded several thousand items of African music in the field. Well known as a radio and television broadcaster both in England and Africa he has lectured extensively to the general public and to schools and universities. He is at present on a three-month tour of universities in this country sponsored by the Conference Board of Associated Research Councils and the Department of State.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Wednesday, January 4th, in Room 113 Biology Building at 4:15 p.m. Dr. Sheldon Wolff, Biology Division, Oak Ridge National Laboratory, will speak on, "Biochemical Aspects of Radiation-Induced Genetic Damage (Chromosome Aberrations)." Coffee and tea will be served in Room 113 preceding the seminar.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Miss Isabel Wood Rogers for the Ph.D. degree in Religion will take place on Friday, January 6th, at 3:00 p.m. in Room 304 Divinity School. The subject of Miss Rogers' disserta-

tion is "A Contemporary Protestant Critique of the Natural Law Tradition." Dr. Waldo Beach will preside over the examining committee which will include Dean Robert Cushman, Dr. Shelton Smith, Dr. Creighton Lacy, and Dr. John Hallowell.

PSYCHOLOGY COLLOQUIUM

The Psychology Colloquium will meet on Friday, January 6th, at 4:30 p.m. in Room 209 Bivins Building, East Campus. Dr. Herbert Wright of the University of Kansas will speak on the subject "Children in Communities Differing in Size." Coffee will be served at 4:00.

SUMMER RESEARCH FELLOWSHIPS

Applications for Summer Research Fellowships administered by the University Council on Research must be in the office of Dr. Walter M. Nielsen, 119 Physics Building, not later than 5:00 p.m., January 5th, 1961, to be considered for awards for the Summer of 1961.

ADVANCE NOTICE FACULTY CLUB MEETING

The Faculty Club will meet on Thursday, January 12th, at 8:15 p.m. in the Union Ballroom. The speaker will be Dr. Detlev Bronk, President of The Rockefeller Institute. He will speak on the topic, "The Role of The Rockefeller Institute as a Graduate University and Research Center."

DURHAM CITY-COUNTY CHARTER COMMISSION REPORT AVAILABLE

Reports of the Durham City-County Charter Commission concerning the proposed revision of the local governmental structure in Durham County are available for study in the General and Woman's College Libraries. Copies may be found in the General Library at the Reference Desk in Room 208 and in the Documents Room (315).

ADVANCE NOTICE ERASMUS CLUB MEETING

The Erasmus Club will meet at 8 p.m. on Monday, January 9, in the Green Room, East Duke Building. The speaker will be Prof. Elizabeth Sunderland of the Department of Art, who will speak on "Symbolism in Medieval Church Architecture." A cordial welcome is extended to all members and their guests.

POLITICAL SCIENCE GRADUATE SEMINAR

The Political Science Graduate Seminar will meet on Friday, January 6th, at 3 p.m. in 208 Flowers

Building. The guest speaker will be His Excellency, Dato' Nik Ahmed Kamil, Malayan Ambassador to the United States. While at the University, the Ambassador will be the guest of the Duke University Commonwealth-Studies Center.

UNIVERSITY OFFICIAL EXAMINATION SCHEDULE

Fall Semester, 1960-61

ANY STUDENT HAVING A SCHEDULE OF THREE EXAMS WITHIN TWENTY-FOUR HOURS OR TWO EXAMS AT THE SAME TIME MUST REPORT TO THE DEANS' OFFICE NOT LATER THAN DECEMBER 17 TO REQUEST A CHANGE IN SCHEDULE.

Saturday		
January 14	2:00 p.m.	PHYSICAL EDUCATION
Monday		
Undergraduate		
January 16	Reading Period	
Tuesday	9:00-12:00 a.m.	MWF, FIRST PERIOD
January 17	2:00- 5:00 p.m.	Political Science 11, 61 & Engineering 1.2, 1.3, 1.4
	7:00-10:00 p.m.	Engineering 1.1 & 1.6
Wednesday		
9:00-12:00 a.m.		
January 18	2:00- 5:00 p.m.	MWF, SECOND PERIOD
	7:00-10:00 p.m.	English 1
		Economics 57
Thursday		
9:00-12:00 a.m.		
January 19	2:00- 5:00 p.m.	MWF, THIRD PERIOD
	7:00-10:00 p.m.	History 1, E1, 1X
		Mathematics 52
Friday		
9:00-12:00 a.m.		
January 20	2:00- 5:00 p.m.	MWF, FOURTH PERIOD
	7:00-10:00 p.m.	Mathematics 21
		Air Science
Saturday		
9:00-12:00 a.m.		
January 21	2:00- 5:00 p.m.	MWF, SIXTH PERIOD
		All Languages 1, 2 & Engineering 1.5, 1.7, 1.8
Monday		
9:00-12:00 a.m.		
January 23	2:00- 5:00 p.m.	TTS, SIXTH PERIOD
	7:00-10:00 p.m.	Chemistry 1
		Mathematics 11
Tuesday		
9:00-12:00 a.m.		
January 24	2:00- 5:00 p.m.	TTS, FIRST PERIOD
		MWF, FIFTH PERIOD & Naval Science
Wednesday		
9:00-12:00 a.m.		
January 25	2:00- 5:00 p.m.	TTS, SECOND PERIOD
	7:00-10:00 p.m.	French & Spanish 63
		Philosophy 48, 49
Thursday		
9:00-12:00 a.m.		
January 26	2:00- 5:00 p.m.	TTS, THIRD PERIOD
	7:00-10:00 p.m.	Physics 1, 41
		Botany 1
Friday		
9:00-12:00 a.m.		
January 27	2:00- 5:00 p.m.	TTS, FOURTH PERIOD
	7:00-10:00 p.m.	Economics 51
		Religion 1

ENGINEERING COURSES, OTHER THAN ENGINEERING 1, WILL MEET FOR EXAMINATION AT THE REGULAR CLASS PERIODS.

Chemistry (except Chemistry 1) and Zoology Classes meet for examination at the time scheduled for their general lecture period. ANY EXAMINATION NOT COVERED IN THE FOREGOING SCHEDULE IS TO BE ARRANGED BY THE INSTRUCTOR IN CHARGE OF THE COURSE IN THE PERIOD BEGINNING January 17, 9:00 a.m., AND ENDING January 27, 10:00 p.m. NO EXAMINATION IS TO BE GIVEN BEFORE 9:00 a.m., January 17, WITH THE EXCEPTION OF PHYSICAL EDUCATION. NO CHANGE IS TO BE MADE IN ANY SCHEDULED EXAMINATION WITHOUT THE APPROVAL OF THE COMMITTEE.

UNIVERSITY SCHEDULE COMMITTEE

WEEK OF
Jan. 8-14, 1961

CALENDAR

WEEK OF
Jan. 8-14, 1961

OF
DUKE UNIVERSITY



Events of the Week

Sunday, January 8

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "Camels and A Star." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, January 9

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Bowling for Faculty and Staff. Bowling Alleys in Ark on East Campus.

8:00 p.m. Erasmus Club Meeting. Green Room, East Duke Building. Speaker: Professor Elizabeth Sunderland.

Tuesday, January 10

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Ray C. Petry.

3:00 p.m. Campus Club Guest Tea. University House, 2138 Myrtle Drive.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. French Table and Spanish Table. East Campus Union Building.

8:15 p.m. Little Symphony Concert. Page Auditorium.

Wednesday, January 11

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Ray C. Petry.

2:00 p.m. The final examination of Mrs. Dolores U. Olness for the Ph.D. degree in Physics. Room 218 Physics Building.

4:15 p.m. Botany Seminar. Room 123 Science Building, East Campus. Speaker: Mr. William Lopushinsky.

4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:05 & 9:00 p.m. Quadraugle Pictures. Page Auditorium. "12 Angry Men" with Henry Fonda, Lee J. Cobb, and Ed Begley. "A drama of extraordinary drive and fascination!"—Newsweek. "Powerful and provocative enough to keep the viewer spellbound!"—N.Y. Times.

Thursday, January 12

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Randell Baker.

1:00 p.m. YMCA Mid-week Service. University Chapel.

4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.

5:00 p.m. Faculty volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

8:15 p.m. Faculty Club Meeting. Union Ballroom. Speaker: Dr. Detlov Brouk.

Friday, January 13

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Bill Friday.

12:30 p.m. Muslim Student Association Meeting. Room 207 Flowers Building.

4:15-6:00 p.m. Duke Concert Baud Rehearsal. Asbury Auditorium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.

8:15 p.m. Voice Students Concert. Music Room, East Duke Building.

Saturday, January 14

7:05 & 9:00 p.m. Quadraugle Pictures. Page Auditorium. "12 Angry Men" with Henry Fonda, Lee J. Cobb, and Ed Begley. "A drama of extraordinary drive and fascina-

tion!"—Newsweek. "Powerful and provocative enough to keep the viewer spellbound!"—N.Y. Times.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor James T. Cleland, Dean of the Chapel, will deliver the sermon at the University Service of Worship on Sunday morning, January 8th, at 11:00 in the University Chapel. His subject will be "Camels and A Star." The order of worship is as follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister

Organ Prelude—Prelude and Fugue in D minor *Pachelbel*
Fugue in E flat, The St. Anne *Bach*

Call to Worship—"The Lord Is in His Holy Temple"

Harrington

Hymn—"O God, Our Help in Ages Past"

William Croft

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"The Last Words of David"

Randall Thompson

Scripture—Matthew 2: 1-11

Dedication of Baptismal Bowl

Hymn—"Away in a Manger"

Carl Müller

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving,

Intercession, Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Glory to God"

Bach

Response—The Doxology

Prayer of Dedication

Sermon—"Camels and A Star"

Prayer

Benediction

Choral Response—"Sevenfold Amen"

Stainer

The Chimes

Organ Postlude—Chaconne in D minor

Pachelbel

DENOMINATIONAL ANNOUNCEMENTS

Baptist Student Union: Sunday: Sunday School at 9:30 a.m. at First, Grey Stone, Temple and Watts Street Baptist Churches. 6:15 p.m. Training Union at above Churches. Wednesday, 6:30 p.m., East Duke Chapel—Speaker: Rev. Warren Carr.

Lutheran Student Association: 9:45 a.m., Sunday School at local churches. Sunday, 6:30 p.m., 208 Flowers Building—Program and Fellowship. Rides from Hanes House corner at 6:15 and from East Campus Circle at 6:20 p.m. Wednesday, 7:15 a.m. and 8:00 a.m., Memorial Chapel of Duke Chapel, Holy Communion. Rides from Hanes House corner at 7:00 and from East Campus Circle at 7:05 a.m.

Methodist Student Fellowship: Sunday, 6:30 p.m., Methodist Student Center—Worship, followed by a

meeting of the Methodist Student Fellowship. Wednesday, 6:00 p.m., Communion Service.

Unitarian Fellowship: Sunday, 7:30 p.m., Room 201 Flowers Building, Speaker—Prof. Barney Jones, “Theodore Parker.”

Westminster Fellowship: Each Sunday morning, 9:30 a.m., 2127 Myrtle Drive, Bible Study. Sunday, 6:30 p.m., East Duke Chapel, Westminster Fellowship, Worship. Wednesday, 6:00 p.m., East Campus Union, Westminster Snapper Club. Thursday, 7:15 a.m., East Duke Chapel, Holy Communion.

ERASMUS CLUB MEETING

The Erasmus Club will meet at 8:00 p.m. on Monday, January 9th, in the Green Room, East Duke Building. The speaker will be Professor Elizabeth Sunderland of the Department of Art, who will speak on “Symbolism in Mediaeval Church Architecture.” A cordial welcome is extended to all members and their guests.

CAMPUS CLUB GUEST TEA

The Campus Club will hold its annual guest tea on Tuesday afternoon, January 10th, at 3:00 p.m. at the University House, 2138 Myrtle Drive. In addition to the guests brought by individual members the Club is honoring as special guests wives of the officials of the Research Triangle Institute who are living in Durham.

A LITTLE SYMPHONY CONCERT

Music of the Classical Masters will be presented in a special program arranged by Dr. Paul Bryan of the Department of Music on Tuesday, January 10th, at 8:15 in Page Auditorium. The Little Symphony Orchestra, made up of musicians of the tri-city area, will be conducted by Paul Bryan with Allan Bone as clarinet soloist. The concert is made possible by a grant from the Recording Industries Performance Trust Funds with the cooperation of Local No. 500 of the American Federation of Musicians. There is no admission charge. The program follows:

Joseph Haydn Symphony No. 44 in E minor, “Trauer”
(ca. 1771)

Allegro con brio

Menuetto (Allegretto-canon in Diapason)

Adagio

Finale (Presto)

Mozart Symphony No. 38 in D major, “Prague”
K. 504 (1786)

Adagio-Allegro

Andante

Finale (Presto)

INTERMISSION

Mozart Concerto for Clarinet in A major,
K. 622 (1791)

Allegro

Adagio

Rondo: Allegro

Allan Bone, Soloist

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mrs. Dolores U. Olness for the Ph.D. degree in Physics will be held on Wednesday, January 11th, at 2:00 p.m. in Room 218 Physics Building. The subject of Mrs. Olness's dissertation is “Lifetime Studies of Phosphorescence in Aromatic Compounds under Various Conditions at Low Temperatures.” The committee to conduct the examination will consist of Professors Hertha Sponer, Walter Gordy, R. M. Williamson, Henry Newson, and Thomas Gallie. Professor Sponer will preside.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, January 11th, at 4:15 p.m. in Room 123 Science Building, East Campus. Mr. William Lopushinsky, Botany Department, Duke University, will speak on “The Relation of Salt Movement to Water Movement Through Tomato Roots.” Tea and coffee will be served at 4:00 p.m.

FACULTY CLUB MEETING

The January meeting of the Duke University Faculty Club will take place in the Union Ballroom at 8:15 p.m. on Thursday, January 12. Dr. Detlev Bronk, President of the Rockefeller Institute will speak on “The Rockefeller Institute, Its Role as a Graduate University and Research Center.”

VOICE STUDENTS CONCERT

The Department of Music will present voice students of Professor John Hanks in a concert of songs and arias Friday, January 13th, at 8:15 p.m. in the Music Room of East Duke Building. Students appearing on the program are Nancy Lassiter, Mike Best, Peggy McLarty, Nancy Pope, Irene Dodd, Steve Kimbrough, Claudia Bray, and Elender Dennis.

ADVANCE NOTICE DETROIT SYMPHONY CONCERT

On Friday, February 17th, at 8:15 p.m. in Page Auditorium the Duke Artists' Series will present The Detroit Symphony Orchestra, Paul Paray conducting. Tickets priced at \$3.00, \$2.50, and \$2.00 are still available in 202-A Flowers and may be purchased or reserved by writing, Artists' Series, Box KM or by calling Ext. 2911.

UNDERGRADUATE FACULTY COUNCIL

There will be no meeting of the Undergraduate Faculty Council in January.



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WEEK OF
Jan. 15-21, 1961

CALENDAR

WEEK OF
Jan. 15-21, 1961

OF DUKE UNIVERSITY



Events of the Week

Sunday, January 15

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Dr. Waldo Beach, Divinity School. Sermon: "The Encounter of Worship." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, January 16

1:30 p.m. The final examination of Mr. Richard Leighton for the Ph.D. degree in Economics. Room 320 Library.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15 p.m. Zoology Departmental Seminar. Speaker: Dr. Charles A. Thomas, Jr. Room 113 Biology Building.

7:00 p.m. Bowling for Faculty and Staff. Bowling Alleys.

8:00 p.m. Sigma Xi Lecture. Speaker: Dr. Charles Tanford. Physics Auditorium.

8:00 p.m. Duke-UNC Philosophy Colloquium. 213 Caldwell Hall, U.N.C. Speaker: Professor Richard Taylor.

Tuesday, January 17

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

Wednesday, January 18

2:00 p.m. The final examination of Miss Lois Claire Perkins for the Ph.D. degree in Anatomy. Room 405 Medical School.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:00 & 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Happy Is the Bride," a British comedy with Terry Thomas, Ian Carmichael, Joyce Grenfell and Cecil Parker. "A delightfully mad flip about the whirlwind that swept into a family trying to plan a wedding." World-Telegram.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

Thursday, January 19

3:00-5:00 p.m. Newcomers Club Tea. At the home of Mrs. Henry Weitz, 2716 Circle Drive.

5:00 p.m. Faculty volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, January 20

12:30 p.m. Muslim Student Association Meeting. Room 207 Flowers Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.

Saturday, January 21

7:00 & 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Happy Is the Bride," a British comedy with Terry Thomas, Ian Carmichael, Joyce Grenfell and Cecil Parker. "A delightfully mad flip about the whirlwind that swept into a family trying to plan a wedding." World-Telegram.

8:15 p.m. Chamber Arts Society: The Vienna Octet. Music Room, East Duke Building.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Waldo Beach, Professor of Christian Ethics, The Divinity School, will deliver the sermon at the University Service of Worship on Sunday morning, January 15th, at 11:00 in the University Chapel. His subject will be "The Encounter of Worship." The order of worship is as follows:

The Reverend Professor James T. Cleland, Dean of the Chapel, Presiding Minister.

Organ Prelude—Prelude in F major *Buxtehude*
Partita: *Jesu Meine Freude* *Walther*

Call to Worship—"The Lord Is in His Holy Temple" *Harrington*

Hymn—"Immortal, Invisible, God Only Wise" *Van Denman Thompson*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Agnus Dei" *Hassler*

Scripture—Isaiah 6: 1-8

Hymn—"Lord of All Being, Throned Afar" *John B. Dykes*

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving,

Intercession, Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"I Waited for the Lord" *Felix Mendelssohn*

Response—The Doxology

Prayer of Dedication

Sermon—"The Encounter of Worship"

Prayer

Benediction

Choral Response—"Sevenfold Amen" *Stainer*

The Chimes

Organ Postlude—Allegro from Concerto in D minor *Bach*

DENOMINATIONAL ANNOUNCEMENTS

Baptist Student Union: Sunday, Sunday School at 9:30 a.m. at First, Grey Stone, Temple and Watts Street Baptist Churches. 6:15 p.m., Training Union at above churches.

Lutheran Student Association: Sunday, 9:45 a.m., Sunday School at local churches. 6:30 p.m., 208 Flowers Building—Brief Worship. Rides from Hanes House corner at 6:15 and from East Campus Circle at 6:20 p.m. Wednesday, 7:15 a.m. and 8:00 a.m., Memorial Chapel of Duke Chapel, Holy Communion. Rides from Hanes House corner at 7:00 and from East Campus Circle at 7:05 a.m.

Methodist Student Fellowship: Sunday, 6:30 p.m., Methodist Student Center—Worship, Don Robinson, preacher. Wednesday, 6:00 p.m., Communion Service.

Episcopal: There will be a celebration of Holy Communion at the Episcopal Student Center 9:30 Sunday morning by the Rev. J. W. O'Brien. Breakfast will be served afterwards. Evensong will be sung at 6:30 p.m. The Center will be open during exams for any students who wish to study there.

Westminster Fellowship: Sunday, 9:30 a.m., Presbyterian Bible Class, 2137 Myrtle Drive. 6:15 p.m., Westminster Fellowship, "Report on the Dallas Quadrennial"—The Ark. Wednesday, 6:00 p.m., Westminster Supper Club, East Campus Union.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Richard Leighton for the Ph.D. degree in Economics will take place in Room 320 Library on Monday, January 16th, at 1:30 p.m. The title of Mr. Leighton's dissertation is "A Study of State Trading with Reference to Butter Trade." Professors J. J. Spengler, C. B. Hoover, R. S. Smith,

C. E. Ferguson, and R. T. Cole will comprise the examining committee, with Professor Spengler presiding.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, January 16th, in Room 113 Biology Building at 5:15 p.m. Dr. Charles A. Thomas, Jr., Assistant Professor of Biophysics, Johns Hopkins University, will speak on, "Structure of the Phage Chromosome." Coffee will be served in Room 113 at 4:00 p.m. preceding the seminar.

SIGMA XI LECTURE

The Duke Chapter of the Society of Sigma Xi will meet at 8:00 p.m. on Monday, January 16th, in the auditorium of the Physics Building. The speaker will be Dr. Charles Tanford of the Department of Biochemistry, who will speak on "The Structure of Water and of Aqueous Solutions." A cordial welcome is extended to all interested persons.

DUKE-UNC PHILOSOPHY COLLOQUIUM

The Duke-UNC Philosophy Colloquium will meet on Monday, January 16th, at 8:00 p.m. in 213 Caldwell Hall, U.N.C., Chapel Hill, N. C. Professor Richard Taylor of Brown University will speak on "A Proof of the Doctrine of Fatalism."

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Miss Lois Claire Perkins for the Ph.D. degree in Anatomy will take place on Wednesday, January 18th, in Room 405 Medical School at 2:00 p.m. The title of Miss Perkins' dissertation is "The Early Postnatal Development of the Cerebellar Cortex in the Dog and the Effect of Early Spinocerebellar Tractotomy." Professors T. L. Peele, J. W. Everett, E. C. Horn, W. E. Hull, and J. E. Markee will comprise the examining committee, with Professor Peele presiding.

NEWCOMERS CLUB TEA

Mrs. Henry Weitz will be hostess to the Newcomers Club at a tea on Thursday, January 19th. The members are invited to call between the hours of three and five in the afternoon at her home, 2716 Circle Drive.

CHAMBER ARTS SOCIETY VIENNA OCTET

The Chamber Arts Society announces the fourth concert of its season, to be played by the Vienna Octet, Saturday, January 21st, in the Music Room, East Duke Building, at 8:15 p.m. The musicians are Anton Fietz and Philipp Matheis (Violins), Guenther Breitenbach (Viola), Nikolaus Huebner (Cello), Johann Krump (Double Bass), Alfred Boskovsky (Clarinet), Ernst Pamperl (Bassoon), and Josef Veleba (French Horn). The program follows:

Divertimento in D major, K. 136	Mozart
Clarinet Quintet in A major, K. 581	Mozart
Octet in F major, Opus 166	Schubert

Other chamber music concerts scheduled this season include:

February 18 (Saturday)	Quartetto Italiano
March 18 (Saturday)	University of North Carolina String Quartet

Admission: By Chamber Arts Society Membership Card, or by Guest Card.

Guest Card for single admission to any one concert will cost \$2.50. About 60 Guest Cards will be available for each concert; they may be obtained at the door from 7:30 to 8:00 p.m. the evening of the concert. The Chamber Arts Society is a non-profit organization; membership is open to all persons. For information address Chamber Arts Society, c/o Ernest W. Nelson, Box 6065 College Station, Durham, N. C.

ADVANCE NOTICE GUEST ORGAN RECITAL

A recital for brass and organ will be presented in Duke Chapel on Sunday afternoon, February 5th, at 4:00 p.m., with Mildred L. Hendrix, organist, and Paul Bryan, conductor of the brass ensemble.

ADVANCE NOTICE DETROIT SYMPHONY CONCERT

On Friday, February 17th, at 8:15 p.m. in Page Auditorium the Duke Artists' Series will present The Detroit Symphony Orchestra, Paul Paray conducting. Tickets priced at \$3.00, \$2.50, and \$2.00 are still available in 202-A Flowers and may be purchased or reserved by writing, Artists' Series, Box KM or by calling Ext. 2911.

UNDERGRADUATE FACULTY COUNCIL

There will be no meeting of the Undergraduate Faculty Council in January.

WEEK OF
Jan. 22-28, 1961

CALENDAR

WEEK OF
Jan. 22-28, 1961

OF DUKE UNIVERSITY



Events of the Week

Sunday, January 22

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Sermon: "What Do We Really Mean?" Broadcast over Radio Station WDNC and WDNC-FM.

Monday, January 23

9:00 a.m. The final examination of Mr. William Houston Chalker for the Ph.D. degree in Religion. Library Conference Room.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

Tuesday, January 24

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

Wednesday, January 25

4:00 p.m. Chemistry Staff Seminar. Room 01, Chemistry Building. Speaker: Professor G. Smets.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

Thursday, January 26

5:00 p.m. Faculty volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, January 27

3:30 p.m. Office of Ordnance Research Lecture. 101 OOR Building. Speaker: Dr. Merit P. White.

4:00 p.m. The final examination of Mr. Ray E. Short for the Ph.D. degree in Sociology. Room 216 Social Science Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

UNIVERSITY SERVICE OF WORSHIP

On Sunday, January 22nd, the University Service of Worship will be held at 11:00 a.m. in the Chapel. The Reverend Howard C. Wilkinson, Chaplain to the University, will deliver the morning sermon entitled "What Do We Really Mean?" The order of worship is as follows:

Presiding Minister: The Reverend Robert P. Hyatt, Associate Director of Religious Life

Organ Prelude—Prelude in F minor *Handel*

Three Liturgical Preludes *Oldroyd*

Call to Worship—"The Lord Is in His Holy Temple" *Harrington*

Hymn—"O Worship the King" *Johann M. Haydn*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Holy, Holy, Holy" (Sanctus) *Antonio Lotti*

Scripture—Matthew 7:21-28

Hymn—"O Word of God Incarnate" *Mendelssohn-Bartholdy*

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving,

Intercession, Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"O Heart Subdued with Grieving" *Johannes Brahms*

Response—The Doxology

Prayer of Dedication

Sermon—"What Do We Really Mean?"

Prayer

Benediction

Choral Response—"Sevenfold Amen" *Stainer*

The Chimes

Organ Postlude—Toccata from Symphony V *Widor*

DENOMINATIONAL ANNOUNCEMENTS

Baptist Student Union: Sunday School at 9:30 a.m. at First, Grey Stone, Temple and Watts Street Baptist Churches. 6:15 p.m., Training Union at above churches.

Lutheran Student Association: Sunday, 9:45 a.m., Sunday School at local churches, 6:30 p.m., 208 Flowers Building—Brief Worship. Rides from Hanes House corner at 6:15 and from East Campus Circle at 6:20 p.m. Wednesday, 7:15 a.m. and 8:00 a.m., Memorial Chapel of Duke Chapel, Holy Communion. Rides from Hanes House corner at 7:00 a.m. and from East Campus Circle at 7:05 a.m.

Methodist Student Fellowship: Sunday, 6:30 p.m., Methodist Student Center—Worship, with sermon by Mr. Art Brandenburg. Wednesday, 6:00 p.m., Communion Service. Friday, January 27 through Sun-

day, January 29—North Carolina Methodist Student Movement Annual Conference will be held at the Center. The Conference speaker will be Dr. James Thomas. Saturday evening, January 28, "Lucky Jim," a movie by one of the angry young men of England, will be shown in Page Auditorium, open to the public.

Episcopal: Holy Communion will be celebrated at 9:30 a.m. Sunday at the Episcopal Student Center by the Reverend J. W. O'Brien. Breakfast will follow. There are also mid-week celebrations at 8:00 a.m. and 5:30 p.m. Wednesdays. Evensong at 6:30 p.m. Sunday. The Octave of Unity will be observed from Wednesday, January 18, until Wednesday, January 25, with services beginning at 5:30 p.m. The Student Center is also open from 9:00 a.m. until 12:00 midnight for those students who wish a quiet place to study.

Westminster Fellowship: Sunday, 6:30 p.m., Evening Prayers, The Ark, East Campus. Between Semester Retreat to Montreat, North Carolina, January 28-31—Interested persons see Presbyterian Chaplain.

Unitarian Fellowship: Sunday, 7:30 p.m. Home of Professor Edgar Thompson, 138 Pinecrest Road. Cars leave East Campus, 7:15 p.m.; West, 7:20. Speaker: Professor Donald F. Roy. Subject: "The Strike."

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. William Houston Chalker for the Ph.D. degree in Religion will take place on Monday, January 23rd, at 9:00 a.m. in the Library Conference Room. The subject of Mr. Chalker's dissertation is "Calvin and Some Seventeenth Century English Calvinists—A Comparison of Their Thought Through an Examination of Their Doctrines of the Knowledge of God, Faith and Assurance." Professors on the examining committee will be Robert E. Cushman, Chairman, Waldo Beach, Hans Hillerbrand, Stuart Henry, and Charles Baylis.

CHEMISTRY STAFF SEMINAR

Professor G. Smets of the Université de Louvain in Belgium will speak at the Chemistry Staff Seminar on Wednesday, January 25th, in Room 01 Chemistry Building at 4:00 p.m. The subject of Professor Smets' address will be "Kinetics of graft copolymerization and graft efficiencies." All interested persons are invited.

OFFICE OF ORDNANCE RESEARCH LECTURE

The Office of Ordnance Research will present Dr. Merit P. White, Head of the Civil Engineering Department, University of Massachusetts, Amherst, Mass., in a lecture in the Conference Room 101, of the OOR Building at 3:30 p.m. on Friday, January 27th. Dr. White, who received his A.B. from Dartmouth and his M.S. and Ph.D. from California Institute of Technology, will speak on "Some Observations in Tokyo, Bangkok, and Tiflis."

An invitation is extended to all interested persons, including faculty members and students of Duke University, North Carolina College, North Carolina State College, the University of North Carolina, and professional engineers. Refreshments will be served at 3:00 p.m., the social period preceding the lecture.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Ray E. Short for the Ph.D. degree in Sociology will take place on Friday, January 27th, at 4:00 p.m. in Room 216 Social Science Building. The title of Mr. Short's dissertation is "Social Control and War; An Analysis of Social Control Theory in Introductory Sociology Textbooks as Related to International Conflict." The examining committee will be composed of Drs. Hornel Hart, Chairman, Howard E. Jensen, Weston La Barre, Donald Roy, and Waldo Beach. Dr. Alan C. Kerckhoff will preside.

DURHAM CIVIC CHORAL SOCIETY

Dr. Paul Bryan, director of the Durham Civic Choral Society, announces the opening for qualified singers to join the group. No audition is necessary although there are several other requirements: a sincere interest in both religious and secular choral music; punctual and regular attendance at rehearsals, which are held Monday nights, from 8:00 p.m. to 10:00 p.m. at Durham High School; and payment of nominal dues.

The next rehearsal of the Society is scheduled for Monday, January 23rd, at 8:00 p.m. The work to be performed (the second of two yearly programs) is Mendelssohn's oratorio, *St. Paul* and will be done in conjunction with the Raleigh Oratorio Society. Performances will be given on March 20th and 21st.

Interested persons are invited to call Mrs. Elizabeth Axelrod at 682-5045 for information.

QUADRANGLE PICTURES

There will be no showing of Quadrangle Pictures on next week—January 25th and 27th. The next showing will be on Wednesday, February 1st, with *I'M ALL RIGHT JACK*.

DURHAM CITY-COUNCIL CHARTER COMMISSION REPORT AVAILABLE

Reports of the Durham City-County Charter Commission concerning the proposed revision of the local governmental structure in Durham County are available for study in the General and Woman's College Libraries. Copies may be found in the General Library at the Reference Desk in Room 208 and in the Documents Room (315).

ADVANCE NOTICE U.S. ARMY RESEARCH MEETING

A meeting of 3256th Research and Development Unit (Reinf-Tng) will be held in the Conference Room of the U.S. Army Research Building, Duke University, at 7:30 p.m. on Monday, January 30th. The senior scientists and staff of the U.S. Army Research Office (Durham), will present the philosophy of its operations and will discuss highlights of current basic research projects in the physical sciences.

Those participating in the program include the various directors of the scientific areas: Colonel Kenneth M. Brinkhaus, Commanding Officer 3256th; Lt. Col. Allen P. Blade; Colonel George W. Taylor, Commanding Officer, Army Research Office (Durham); Dr. John W. Dawson, Chief Scientist; Dr. George M. Wyman, Director of Chemistry; Dr. Herman Robl, Director of Physics; Dr. John J. Gergen, Director of Mathematics; Dr. Peter R. Kosting, Director of Metallurgy. Interested personnel are invited to attend.

ADVANCE NOTICE DETROIT SYMPHONY CONCERT

On Friday, February 17th, at 8:15 p.m. in Page Auditorium the Duke Artists' Series will present The Detroit Symphony Orchestra, Paul Paray conducting. Tickets priced at \$3.00, \$2.50, and \$2.00 are still available in 202-A Flowers and may be purchased or reserved by writing, Artists' Series, Box KM or by calling Ext. 2911.

UNDERGRADUATE FACULTY COUNCIL

There will be no meeting of the Undergraduate Faculty Council in January.

WEEK OF
Jan. 29-Feb. 4, 1961

CALENDAR

WEEK OF
Jan. 29-Feb. 4, 1961

OF

DUKE UNIVERSITY



Events of the Week

Sunday, January 29

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor Robert E. Cushman, Dean of the Divinity School. Sermon: "Aims of the University." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, January 30

3:00 p.m. The final examination of Mr. Sam J. Womack for the Ph.D. degree in Religion. Library Conference Room.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Bowling for faculty and staff. Bowling Alleys in Ark on East Campus.

Tuesday, January 31

Registration and matriculation of new students.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

Wednesday, February 1

Last day for matriculation for the Spring semester.

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Robert E. Cushman, Dean of the Divinity School.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal, University Chapel.

7:00 & 9:00 p.m. Quadrangle Pictures. Page Auditorium. "I'm All Right Jack" with Peter Sellers, Terry Thomas, Margaret Rutherford, and Ian Carmichael. Winner of two British Academy Awards. "A biting, uproarious comedy to tickle, charm and delight! One of year's ten best."—Saturday Review. "By all odds, the funniest picture this year!"—Herald Tribune.

8:00 p.m. Law Dames Meeting—Law School Lounge. Important business meeting.

Thursday, February 2

8:10 a.m. Spring semester classes begin.

10:10 a.m. Divinity School Chapel. York Chapel.

4:15 p.m. Zoology Departmental Seminar. Speaker: Dr. Konrad Lorenz. Room 113 Biology Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.
- 5:00 p.m. Faculty volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, February 3

- 10:10 a.m. Divinity School Chapel. York Chapel.
- 12:30 p.m. Muslim Students Association Meeting. Room 207 Flowers Building.
- 4:00 p.m. Interdisciplinary Seminar entitled "The Biological Function of Perceptual Constancy." Speaker: Dr. Konrad Lorenz. Hospital Amphitheater.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.
- 7:00 p.m. North Carolina Press Association Dinner. Speaker: Edmund Harding. Union Ballroom.
- 8:15 p.m. Student Forum: "New York Pro Musica." Woman's College Auditorium.

Saturday, February 4

- 4:00 p.m. Davidson College Concert Band. Sponsor: Music Department. Woman's College Auditorium.
- 7:00 & 9:00 p.m. Quadrangle Pictures. Page Auditorium. "I'm All Right Jack" with Peter Sellers, Terry Thomas, Margaret Rutherford, and Ian Carmichael. Winner of two British Academy Awards. "A biting, uproarious comedy to tickle, charm and delight! One of year's ten best."—Saturday Review. "By all odds, the funniest picture this year!"—Herald Tribune.
- 8:15 p.m. Varsity Basketball: Duke vs. University of North Carolina. Indoor Stadium. Candlelight Cabaret following game. Union Ballroom.

UNIVERSITY SERVICE OF WORSHIP

On Sunday, January 29th, the University Service of Worship will be held at 11:00 a.m. in the Chapel. The Reverend Professor Robert E. Cushman, Dean of the Divinity School, will deliver the morning sermon

entitled "Aims of the University." The order of worship is as follows:

Presiding Minister: The Reverend Howard C. Wilkinson,
Chaplain to the University

Organ Prelude—Chorale-Preludes
"My Faithful Heart Rejoices"
"O God, Thou Faithful God" *Brahms*

Call to Worship—"The Lord Is in His Holy Temple" *Harrington*

Hymn—"Holy, Holy!" *John B. Dykes*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Solo—"Sing Ye Praise" from Hymn of Praise *Mendelssohn*
John Hanks—Soloist

Scripture

Hymn—"The Lord Our God Alone Is Strong" *T. Williams*

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication

The Offering

Offertory Organ Interlude

Solo—"Hear Ye, Israel!" from Elijah *Mendelssohn*
Gretchen Ruffy, Soloist

Response—The Doxology

Prayer of Dedication

Sermon—"Aims of the University"

Prayer

Benediction

The Chimes

Organ Postlude—Moderato from Concerto in A Minor *Bach*

DENOMINATIONAL ANNOUNCEMENTS

Baptist Student Union: 9:30 a.m. Sunday School at First, Grey Stone, Temple and Watts Street Baptist Churches. 6:15 p.m., Training Union at above churches.

Lutheran Student Association: 9:45 a.m. Sunday School at local churches. 6:30 p.m. Brief Worship—208 Flowers Building. Rides from Hanes House corner at 6:15 and from East Campus Circle at 6:20 p.m. Wednesday, 7:15 a.m. and 8:00 a.m. Holy Communion—Memorial Chapel of Duke Chapel. Rides from Hanes House corner at 7:00 a.m. and from East Campus Circle at 7:05 a.m.

Methodist Student Fellowship: Friday, January 27 through Sunday, January 29—North Carolina Methodist Student Movement Annual Conference. Methodist Student Center.

Westminster Fellowship: Between Semester Retreat to Montreat, North Carolina January 28-31.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Sam J. Womack for the Ph.D. degree in Religion will take place on Monday, January 30th, at 3:00 p.m. in the Library Conference Room. The title of Mr. Womack's dissertation is "The Jubilus Theme in the Later Writings of

Richard Rolle." The examining committee will be composed of Drs. Ray C. Petry, Chairman, Stuart Henry, Waldo Beach, Hans Hillerbrand, and Robert Rogers.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Thursday, February 2nd, in Room 113 Biology Building at 4:15 p.m. Dr. Konrad Lorenz, Max Planck Institute, will speak on "Learned and Unlearned Components in Behavior."

INTERDISCIPLINARY SEMINAR ON THE BIOLOGICAL BASES OF BEHAVIOR

The first of the interdisciplinary seminars sponsored by the Departments of Anatomy, Physiology, and Psychology will be held on Friday, February 3rd, at 4:00 p.m. in the Hospital Amphitheater. Dr. Konrad Lorenz, Professor of Zoology, University of Munich, and Director, Ethnological Division of the Max Planck Institute ver Halten Physiologie see Weisen des Starnberg, will speak on "Biological Function of Perceptual Constancy."

THE NEW YORK PRO MUSICA PERFORMS

The Woman's College Student Forum Committee will sponsor a program of medieval, renaissance, and baroque music presented by the NEW YORK PRO MUSICA on Friday, February 3rd, at 8:15 p.m., in the Woman's College Auditorium. Tickets will be available at the door priced at \$1.00 for non-Student Forum members. Immediately following the program, there will be a reception in the Union lobby to which the audience is invited.

ADVANCE NOTICE GUEST ORGAN RECITAL

Dr. Richard Peek, Organist and Choir Director of the Covenant Presbyterian Church, Charlotte, North Carolina, will present a guest recital in the University Chapel on Sunday, February 5th, at 4:00 p.m. The public is cordially invited to hear this distinguished organist.

The recital for brass and organ will be presented on Sunday, March 5th, at 4:00 p.m. in the University Chapel with Mildred L. Hendrix, University Organist, and Paul Bryan, Conductor of the brass ensemble.

INCOME TAX RETURNS

Representatives from the North Carolina Department of Revenue will be in the Baker House reception room on February 16th and in the Conference Room, 103 Library, on February 17th to assist employees with State income tax returns. University representatives will assist in the preparation of Federal income tax returns.

Thursday, February 16th—Baker House Reception Room

Friday, February 17th—Conference Room, 103 Library

Hours: 9:00 a.m.-4:30 p.m. both days.

If you would like either a State or Federal tax return form prior to these dates, copies will be available in the Personnel Office.

ADVANCE NOTICE THE ERASMUS CLUB

The Erasmus Club will meet at 8:00 p.m. on Monday, February 6th, in the Green Room, East Duke Building. The speaker will be Professor Herman Salinger of the Department of Germanic Languages and Literature, who will speak on "On Translating Lyric Poetry."

A cordial welcome is extended to all members and their guests.

ADVANCE NOTICE SIGMA XI

Modern Physiological Surgery will be the subject for discussion on Monday, February 6th, at 8:00 p.m. in the auditorium of the Physics Building. The speakers will be Dr. Barnes Woodhall, Dean of the School of Medicine, and Professor of Neurosurgery; Dr. W. C. Sealy, Professor of Thoracic surgery; and Dr. Ivan W. Brown, Jr., Professor of Surgery. Dr. Woodhall will discuss the use of perfusion with anti-cancer drugs; Dr. Sealy and Dr. Brown will discuss hypothermia in cardiac surgery and the physiology of body cooling. All interested persons are invited to attend.

ADVANCE NOTICE HUMANITIES COUNCIL LECTURE

The University Council on the Humanities will sponsor a public lecture on "Humanistic Scholarship in the United States" at 8:00 p.m. on Monday, February 13th, in Room 208 Flowers Building. The speaker will be Dr. Richard Schlatter, Professor of History at Rutgers University and a Senior Fellow of the Princeton Council on the Humanities.

HOUSING INFORMATION

Effective immediately, the Duke University Housing Bureau is establishing a central location for house rental information, to assist faculty members in renting their homes while on leave from the University. A portion of this service had recently been handled in the Student Union Office, 202-A Flowers Building. Faculty members desiring to take advantage of this listing service may do so by visiting the Housing Bureau, Room 03, Allen Building, and completing a rental listing form. The Housing Bureau will assume no responsibility for the renting of any property nor will it be a collection agency, but will refer all requests to the owner or his agent.

The person listing his home with the Housing Bureau is to report to the Housing Bureau when the home has been rented so that application can be withdrawn from the list of rentals.

New faculty members may take advantage of the available rental listings by writing to the Housing Bureau and information will be furnished from current listings.

WEEK OF
Feb. 5-11, 1961

CALENDAR

WEEK OF
Feb. 5-11, 1961

OF

DUKE UNIVERSITY



Events of the Week

Sunday, February 5

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "The Conversion of a Good Man." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Guest Organ Recital. Dr. Richard Peek, University Chapel.

Monday, February 6

4:30 p.m. S. U. Travel Seminar. Speaker: Mrs. B. R. Jordan. Room 201 Flowers Building.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Bowling for faculty and staff. Bowling Alleys in Ark on East Campus.

8:00 p.m. Erasmus Club Meeting. Speaker: Professor Herman Salinger. Green Room, East Duke Building.

8:00 p.m. Joint Duke-UNC Philosophy Colloquium. Speaker: Professor H. S. Thayer. 213 Caldwell Hall. UNC.

8:00 p.m. Sigma Xi Meeting. Speakers: Drs. Barnes Woodhall, W. C. Sealy, and Ivan W. Brown, Jr. Physics Auditorium.

Tuesday, February 7

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: The Reverend Paul Yount, Associate Secretary of Methodist Missionary Personnel. Presiding: Justin Haruyama, Student Missions Committee Chairman.

3:00-5:00 p.m. Duke Players Tryouts for "St. Joan." Page Auditorium.

4:00 p.m. Joint Duke-UNC Philosophy Colloquium. Speaker: Professor H. S. Thayer. Room 211A West Duke Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

5:00 p.m. Council on Gerontology Open Seminar. Program: New Horizons: Impressions of the White House Conference on Aging." 208 Flowers Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. French Table and Spanish Table. East Campus Union Building.

8:15 p.m. S. U. Last Lecture Series. Speaker: Dr. Thomas A. Langford. Union Ballroom.

Wednesday, February 8

10:00 a.m. Campus Club Morning Coffee. University House, 2138 Myrtle Drive.

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Professor Jorge N. Cintron, Editor and Manager of **Puerto Rico Evangelico**. Presiding: Walter Whitehurst, former short-term missionary in Chile.

11:00 a.m. Divinity School Assembly. York Chapel. Speaker: Mr. Thomas A. Harris.

12:30 p.m. Faculty Club Luncheon Meeting. Speaker: Colonel George W. Taylor. Union Ballroom.

3:00-6:00 p.m. Duke Players Tryouts for "St. Joan." Page Auditorium.

4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

6:00 p.m. Divinity School Supper and Forum Discussion. Speakers: Mr. Thomas A. Harris, Mr. Paul Yount, and Mr. Jorge Cintron. Men's Graduate Center.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:30 p.m. Quadrangle Pictures. (one showing only) "Ivan the Terrible" (Parts *I & **II). Russia's distinguished director, Sergei Eisenstein, chronicles the reign of Ivan the Terrible. *"... monumental—conveying the dark magnificence of Russian medievalism."—N.Y. Times. **"Has a barbaric splendor—it is brilliant picture-making."—Herald Tribune.

Thursday, February 9

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Thomas A. Harris, agricultural missionary in Sarawak. Presiding: James Caloway.

11:00 a.m. Divinity School Assembly. York Chapel. Speaker: Professor Jorge Cintron, journalist.

4:00 p.m. Meeting of the University Faculty. Engineering Auditorium.

(Following Faculty meeting)

Undergraduate Faculty Meeting. Room 125 Engineering Building.

4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.

5:00 p.m. Faculty volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:00 p.m. Delta Phi Alpha film. Chemistry Building Auditorium.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

8:15 p.m. Varsity Basketball: Duke versus Wake Forest College. Indoor Stadium.

Friday, February 10

9:00 a.m.-5:00 p.m. North Carolina Bar Association Institute. Page Auditorium.

10:10 a.m. Divinity School Chapel. York Chapel. Service of Thanksgiving and Intercession for Duke Alumni in Missionary Work. Leading: Deau Robert E. Cushman and The Reverend Mason M. Willis, missionary on furlough from Hawaii.

12:30 p.m. Muslim Students Association Meeting. Room 207 Flowers Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.

Saturday, February 11

9:00 a.m.-12:00 m. North Carolina Bar Association Institute. Page Auditorium.

7:30 p.m. Quadrangle Pictures. (one showing only) "Ivan the Terrible" (Parts *I & **II). Russia's distinguished director, Sergei Eisenstein, chronicles the reign of Ivan the Terrible. *"... monumental—conveying the dark magnificence of Russian medievalism."—N.Y. Times. **"Has a barbaric splendor—it is brilliant picture-making."—Herald Tribune.

UNIVERSITY SERVICE OF WORSHIP

On Sunday, February 5th, at 11:00 a.m. in the Chapel the University Service of Worship will be held. The Reverend Professor James T. Cleland will deliver the morning sermon entitled "The Conversion of a Good Man." The order of worship is as follows:

Presiding Minister: The Reverend Howard C. Wilkinson,
Chaplain to the University

Organ Prelude—Chaconne *Buxtehude*

Chorale Prelude
"O God Heed My Suffering" *Krebs*

Call to Worship—"The Lord Is in His Holy Temple" *Harrington*

Hymn—"The God of Abraham Praise" *Daniel Ben Judah*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"If Ye Love Me" *Thomas Tallis*

Scripture—Isaiah 6:1-8

Hymn—"He Leadeth Me: O Blessed Thought!" *William B. Bradbury*

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving,
Intercession, Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"O King of Glory" *Giovanni da Palestrina*

Response—The Doxology

Prayer of Dedication

Sermon—"The Conversion of a Good Man"

Prayer

Benediction

Choral Response—"Sevenfold Amen" *Stainer*

The Chimes

Organ Postlude—Fugue in F minor *Bach*

DENOMINATIONAL ANNOUNCEMENTS

Baptist Student Union: Sunday School at 9:30 a.m. at First, Grey Stone, Temple and Watts Street Baptist Churches. 6:15 p.m., Training Union at above churches. Wednesday, Student Vesper Service, East Duke Chapel, 6:30 p.m., Riley McDonald, Speaker.

Episcopal Student Fellowship: Sunday, 6:30 p.m., Canterbury Club, Rev. J. W. O'Brien, Speaker. Wednesday, 7:00 a.m. and 5:30 p.m., Holy Communion at the Student Center.

Lutheran Student Association: Sunday, 9:45 a.m., Sunday School at local churches. 6:30 p.m., 208 Flowers Building—Brief Worship. Rides from Hanes House corner at 6:15 and from East Campus Circle at 6:20 p.m. Wednesday, 7:15 a.m. and 8:00 a.m., Memorial Chapel of Duke Chapel, Holy Communion.

Rides from Hanes House corner at 7:00 a.m. and from East Campus Circle at 7:05 a.m.

Methodist Student Fellowship: Sunday, 6:30 p.m., at the Center. Mr. Paul Yount from the Methodist Board of Missions in New York will be the speaker. The main topic will be The Church on the New Frontier with a special emphasis on missions and summer service opportunities. A Forum will follow. Anyone interested in an interview with a member of the Methodist Board of Missions should call the Methodist Student Center at 286-9230 for an appointment. They will be happy to talk to anyone interested in a short term job with the Methodist Board or a summer project. Wednesday, 6:00 p.m. Communion, Speaker, Mr. Thomas Harris from Sarawak.

Westminster Fellowship: Presbyterian Bible Class Sunday Morning at 9:15 a.m., 2127 Myrtle Drive. 6:15 p.m., Westminster Fellowship, The Ark (East Campus), Dr. Stuart Henry, Speaker. Open House afterwards at 1013 Demerius Street. Wednesday, 6:00 p.m., Westminster Supper Club, East Campus Union.

Unitarian Fellowship: 7:30 p.m., Sunday, Flowers Building, West Campus, Room 201; Rev. Charles M. Jones, minister of the Community Church in Chapel Hill will speak on: Tranquility.

GUEST ORGAN RECITAL

Dr. Richard Peek, Organist and Choir Director of the Covenant Presbyterian Church, Charlotte, North Carolina, will present a guest recital in the University Chapel on Sunday, February 5th, at 4:00 p.m. The public is cordially invited to hear this distinguished organist.

The program is as follows:

OFFERTORY (Sonate d'intavolatura per organo e cimbalo, 1716) *Domenico Zipoli*
(1688-1726)

ECHO FANTASIA IN THE DORIAN MODE
Jan Pieterzoon Sweelinck
(1562-1621)

CHORALE-PRELUDE, "Aus tiefer Not" *Johann Kuhnau*
"Out of the Depths" (1660-1722)

DIFERENCIAS SOBRE EL CANTO

LLANO DEL CABALLERO *Antonio Cabezon*
(1510-1566)

PRELUDE AND FUGUE IN A MINOR *J. S. Bach*
(1685-1750)

FANTASIA IN F MINOR, K. 609 *W. A. Mozart*
(1756-1792)

MINIATURE *Jean Langlais*
(1907-)

PRELUDE ON A THEME BY TALLIS *Richard Peek*

MARCH ON "VEXILLA REGIS" *Richard Peek*
("The Royal Banners Forward Go")

S. U. TRAVEL SEMINAR

The annual spring Student Union Travel Seminars will begin on Monday afternoon, February 6th, at 4:30 p.m. in Room 201 Flowers Building and will be held on the six following Mondays at the same hour and place. Mrs. B. R. Jordan will conduct the first session which will be a "Round Table Discussion on Foreign Travel" designed to assist students in the formulation of travel plans. The following seminars will be led by faculty and students and will cover information on a number of European countries, Japan, and neighboring countries such as Mexico and Canada. All interested members of the University Community are invited to these meetings.

ERASMUS CLUB MEETING

The Erasmus Club will meet at 8:00 p.m. on Monday, February 6th, in the Green Room, East Duke Building. The speaker will be Professor Herman Salinger of the Department of Germanic Languages and Literature, who will speak "On Translating Lyric Poetry."

A cordial welcome is extended to all members and their guests.

CAMPUS CLUB MEETING

The Campus Club will hold its February meeting at a morning coffee on Wednesday, February 8th, at 10:00 a.m. in the University House, 2138 Myrtle Drive. Faculty members and wives of members of the Botany, Zoology, and Forestry Departments will be hostesses for the social with Mrs. Lewis Anderson as chairman. Mrs. Irving Gray will present a program on "Herbs."

JOINT DUKE-UNC PHILOSOPHY COLLOQUIUM

On Monday and Tuesday, February 6th and 7th, Professor H. S. Thayer of Columbia University will be the guest of the Philosophy Departments at Duke and UNC. Monday evening at 8:00 p.m. he will speak in 213 Caldwell Hall in Chapel Hill on "Plato: The Theory and Language of Functions." On Tuesday, February 7th, at 4:00 p.m. he will speak on "The Inclusive Idea of John Dewey's Philosophy" in 211A West Duke Building.

All interested members of the University Community are cordially invited.

SIGMA XI MEETING

"Modern Physiological Surgery" will be the subject for discussion on Monday, February 6th, at 8:00 p.m. in the auditorium of the Physics Building. The speakers will be Dr. Barnes Woodhall, Dean of the School of Medicine, and Professor of Neurosurgery, Dr. W. C. Sealy, Professor of Thoracic Surgery, and Dr. Ivan W. Brown, Jr., Professor of Surgery. Dr. Woodhall will discuss the use of perfusion with anti-cancer drugs; Dr. Sealy and Dr. Brown will discuss hypothermia in cardiac surgery and the physiology of body cooling. All interested persons are invited to attend.

COUNCIL ON GERONTOLOGY OPEN SEMINAR

The Duke University Council on Gerontology will hold an open seminar on Tuesday, February 7th, at 5:00 p.m. in 208 Flowers Building. The general topic for study will be "New Horizons: Impressions of the **White House Conference on Aging**." Those participating in the program include: Dr. Ewald W. Busse, Chairman of the Duke University Council on Gerontology, speaking on "Conference Organization and Achievements"; Mrs. James H. Semans, Former Durham Councilwoman and Mayor *pro tem*, discussing "Living Independently: Potential and Problems"; Miss Louise M. Latham, Dean of Women of North Carolina College, speaking on "Community Planning for Housing"; Dr. E. Harvey Estes, Chief of Medical Service, V. A. Hospital, speaking on the "Medical" phase of "Research in Gerontology"; Dr. Gustave Newman, Associate in Psychiatry at the Duke University Medical Center, following with the "Mental Health" phase of "Research in Gerontology"; and Dr. Robert H. Dovenmehle, Research Coordinator, Duke Center for the Study of Aging, discussing "Training Personnel for Health Services."

Interested members of the University Community are cordially invited to attend the seminar.

S.U. LAST LECTURE SERIES DR. THOMAS LANGFORD

The second faculty speaker in the Student Union's Last Lecture Series will be Dr. Thomas A. Langford, Assistant Professor of Religion. The session will be held on Tuesday, February 7th, in the Union Ballroom. Dr. Langford's talk will be concerned with the development of his own philosophy in relation to his respective discipline.

A social period will conclude the meeting to which a cordial invitation is extended to the faculty and staff by the student Educational Affairs Committee.

SYMPOSIUM ON CHRISTIAN MISSION

The annual Symposium on Christian Missions, held under the auspices of The Divinity School, will feature three public meetings which are open to all members of the University Community. On Wednesday, February 8th, two sessions will be held: at 11:00 a.m. in York Chapel. Mr. Thomas A. Harris, Agricultural Missionary, will speak on "Sarawak, the Church's New Frontier"; and at 6:00 p.m. a Divinity School Supper and Forum discussion will be held in the Men's Graduate Center. At the latter meeting, sponsored by Student Missions Committee, Mr. Thomas A. Harris, Mr. Paul Yount, and Mr. Jorge Cintron will answer questions concerning the Church in Sarawak, Puerto Rico, and in its Work Mission.

A third meeting of the Symposium will be held on Thursday, February 9th, at 11:00 a.m. in the Divinity School Assembly, York Chapel. The speaker at that time will be Professor Jorge Cintron, journalist, with the topic "The Church in Puerto Rico."

FACULTY CLUB LUNCHEON MEETING

The February meeting of the Duke University Faculty Club will be a luncheon meeting in the Union Ballroom, Wednesday, February 8th, at 12:30 p.m. The speaker will be Colonel George W. Taylor of the Army Research Office, who will talk on "The U. S. Army Research Office in Durham." Reservations should be made with the Secretary, Professor Frances Brown, Room 313 Chemistry Building, not later than 12:00 noon on Monday, February 6th.

ADVANCE NOTICE DETROIT SYMPHONY CONCERT

The Duke University Artists' Series will offer the third of its concerts in the 1960-'61 season on Friday, February 17th, at 8:15 p.m. in Page Auditorium. The Detroit Symphony Orchestra, with Paul Paray conducting, will present the following program:

Overture to "Euryanthe"	<i>Weber</i>
Symphony No. 2	<i>Sibelius</i>
Intermission	
Deux Nocturnes	<i>Debussy</i>
a. Nuages	
b. Fetes	
Danse Macabre	<i>Saint Saens</i>
Night on Bald Mountain	<i>Moussorgsky</i>

Tickets may still be purchased in 202-A Flowers and by calling Extension 2911.

UNIVERSITY FACULTY MEETING

The University Faculty will meet in call session on Thursday, February 9th, at 4:00 p.m. in the auditorium of the Engineering Building.

UNDERGRADUATE FACULTY COUNCIL

There will be a meeting of the Undergraduate Faculty Council in Room 125 Engineering Building on Thursday, February 9th, following the meeting of the University Faculty which will meet at 4:00 p.m.

DELTA PHI ALPHA FILM

On Thursday, February 9th, at 8:00 p.m. in the Chemistry Building Auditorium, Delta Phi Alpha, German Honorary Fraternity, will show "Der Apfel ist ab," or "The Original Sin." A pungent satire on the creation and obliteration of Paradise, the film in German with English subtitles features Bettina Moissi, Bobby Todd, and Gioana Maria Gorvin and is under the direction of Helmmt Kántner ("The Devil's General," "The Captain of Köpenick," and "The Last Bridge").

INCOME TAX RETURNS

Representatives from the North Carolina Department of Revenue will be in the Baker House reception room on February 16th and in the Conference Room, 103 Library, on February 17th to assist employees with State income tax returns. University representa-

tives will assist in the preparation of Federal income tax returns.

Thursday, February 16th—Baker House Reception Room

Friday, February 17th—Conference Room, 103 Library

Hours: 9:00 a.m.-4:30 p.m. both days.

HOUSING INFORMATION

Effective immediately, the Duke University Housing Bureau is establishing a central location for house rental information, to assist faculty members in renting their homes while on leave from the University. A portion of this service had recently been handled in the Student Union Office, 202-A Flowers Building. Faculty members desiring to take advantage of this listing service may do so by visiting the Housing Bureau, Room 03, Allen Building, and completing a rental listing form. The Housing Bureau will assume no responsibility for the renting of any property nor will it be a collection agency, but will refer all requests to the owner or his agent.

The person listing his home with the Housing Bureau is to report to the Housing Bureau when the home has been rented so that application can be withdrawn from the list of rentals.

New faculty members may take advantage of the available rental listings by writing to the Housing Bureau and information will be furnished from current listings.

ADVANCE NOTICE HUMANITIES COUNCIL LECTURE

The University Council on the Humanities will sponsor a public lecture on "Humanistic Scholarship in the United States" at 8:00 p.m. on Monday, February 13th, in Room 208 Flowers Building. The speaker will be Dr. Richard Schlatter, Professor of History at Rutgers University and a Senior Fellow of the Princeton Council on the Humanities.

SPRING ACTIVITIES CALENDARS

The Duke University Spring Activities Calendar, published and distributed to the faculty, staff and student body as a service of the Student Union's House Committee, was distributed on Friday, February 3rd. Any additions or deletions will be carried in the Duke University Weekly Calendar and in the Duke Chronicle. If an error is noted, please call extension 2911 and give the correction.

S. U. ART EXHIBIT

The Student Union Music and Arts Committee will present a traveling art exhibit from the Bertha Schaefer Gallery, New York City, during the period of February 5th-25th. The exhibit, **European and American Drawings and Watercolors**, may be seen in the Alumni Lounge between the hours of 9:00 a.m. and 10:00 p.m. The public is cordially invited to view the exhibit.

SPRING SEMESTER CHapel PREACHING SCHEDULE

February 5	Rev. Prof. James T. Cleland Dean of the Chapel, Duke University
February 12	Rev. Prof. Jerald C. Brauer, Dean Divinity School, University of Chicago
February 19 Universal Day of Prayer for Students	Rev. Prof. Creighton Lacy The Divinity School, Duke University
February 26	Rev. Dr. George A. Buttrick Fosdick Visiting Prof., Union Theological Seminary
March 5	Dean James T. Cleland
March 12	Rev. Howard C. Wilkinson Chaplain to Duke University
March 19	Rev. Prof. W. Arthur Kale The Divinity School, Duke University
March 26 Spring Recess	
April 2 Spring Recess	
April 9	Dean James T. Cleland
April 16	Rev. Prof. Arthur T. Mollegen Virginia Theological Seminary
April 23	Chaplain Howard C. Wilkinson The Divinity School, Duke University
April 30	Rev. Prof. Robert E. Cushman Dean, The Divinity School, Duke University
May 7	Dean James T. Cleland
May 14	Rev. Prof. McMurry S. Riehey The Divinity School, Duke University
May 21	Rev. Prof. Eddy Asirvatham Leonard Theological Seminary, Jabalpur, India
May 28	Rev. Prof. Stuart C. Henry

WEEK OF
Feb. 12-18, 1961

CALENDAR

WEEK OF
Feb. 12-18, 1961

OF

DUKE UNIVERSITY



Events of the Week

Sunday, February 12

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor Jerald C. Brauer, Dean of the Divinity School, University of Chicago. Sermon: "The New Heavens and the Old Earth." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Music Department Faculty Series: Loren Withers in Lecture Recital. Asbury Auditorium.

Monday, February 13

4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Dr. Hilary B. Moore.

4:30-5:30 p.m. S. U. Travel Seminar. Room 201 Flowers Building. Speaker: Byrou Battle, '61. Topic: Russian Travel.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Bowling for faculty and staff. Bowling Alleys in Ark on East Campus.

7:30 p.m. S. U. Pre-Artists' Series Seminar. "The Symphony Orchestra." Music Lounge, Flowers Building. Speaker: Professor Allan Bone.

8:00 p.m. Humanities Council Lecture. Room 208 Flowers Building. Speaker: Dr. Richard Schlatter.

Tuesday, February 14

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Clyde Faulkner, Jr.

11:30 a.m. Engineering Faculty Meeting. Room 140 Engineering Building. Program: Dean Walter J. Seeley.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 4:00 p.m. Mathematics Seminar. Room 135 Physics Building. Speaker: Dr. Louis Brickman.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:30 p.m. French Table and Spanish Table. East Campus Union Building.
- 7:00 p.m. Symposium on Student Teaching. Green Room, East Duke Building.
- 8:15 p.m. Student Union Lecture: Arthur Koestler. Music Room, East Duke Building.

Wednesday, February 15

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Bishop Nolan Harmon.
- 11:00 a.m. Divinity School Assembly. York Chapel. Speaker: Bishop Noland B. Harmon.
- 3:15 p.m. The final examination of Mr. Edward F. McLean for the Ph.D. degree in Romance Languages. Library Conference Room.
- 4:00 p.m. Engineering Faculty Council Meeting. Conference Room, Engineering Building.
- 4:15 p.m. Botany Seminar. Room 113 Biology Building. Speaker: Dr. Max Hommersand.
- 4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 & 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Grand Illusion" (French) with Eric Von Stroheim, Jean Gabin, and Pierre Fresnay. Two decades have not altered the remarkable impact of Jean Renoir's film, chosen by the 1958 Brussels Film Festival as "One of the six best films of all time!"
- 8:00 p.m. Duke Law Dames Fashion Show. Law School Lounge. Moderator: Miss Joan Brooks.

Thursday, February 16

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. John J. Rudin, II.
- 3:00 p.m. Newcomers Club Meeting. At the home of Mrs. Bernard Bresslar, 2700 Circle Drive.
- 4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.

- 5:00 p.m. Faculty volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Pakistan Student Association Meeting. Room 114 Social Science Building. Speaker: Dr. R. S. Wheeler.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, February 17

- 10:10 a.m. Divinity School Chapel. York Chapel. Holy Communion, Dr. John J. Rudin, II, presiding.
- 1:00-2:00 p.m. Registration of Conference on the Teaching of Social Studies. Flowers Lounge.
- 2:00-5:00 p.m. Social Studies Conference Meeting. Room 208 Flowers Building.
- 4:00 p.m. Interdisciplinary Seminar. Room 114 Science Building, East Campus. Speaker: Professor Wolfgang Köhler.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.
- 8:15 p.m. Artists' Series Concert: Detroit Symphony Orchestra, Paul Paray conducting. Page Auditorium.

Saturday, February 18

- 9:00 a.m. State (Instrumental) Solo and Ensemble Contest. Asbury Building.
- 7:00 & 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Grand Illusion" (French) with Eric Von Stroheim, Jean Gabin, and Pierre Fresnay. Two decades have not altered the remarkable impact of Jean Renoir's film, chosen by the 1958 Brussels Film Festival as "one of the six best films of all time."
- 8:15 p.m. Chamber Arts Society presents "Quartetto Italiano." Music Room, East Duke Building.

UNIVERSITY SERVICE OF WORSHIP

The Sunday morning University Service of Worship will be held on February 12th at 11:00 in the University Chapel. The Reverend Professor Jerald C. Brauer, Dean of the Divinity School, University of Chicago, will deliver the morning sermon, entitled "The New Heaven and the Old Earth." The order of worship will be as follows:

Presiding Minister: The Reverend Howard C. Wilkinson
Organ Prelude—Fantasie in G minor *J. S. Bach*
Chorale Prelude: Auf meinen lieben Gott
Johann Hanff
Call to Worship—"The Lord Is in His Holy Temple"
Harrington
Hymn—"Joyful, Joyful, We Adore Thee"
Ludwig van Beethoven
Prayer of Confession
Words of Assurance
The Lord's Prayer
Anthem—"Sanctus from Mass VII" *Antonio Lotti*
Scripture—Revelation 21:1-7
Hymn—"A Mighty Fortress Is Our God" *Martin Luther*
Call to Prayer
The Pastoral Prayer of Adoration, Thanksgiving,
Intercession, Petition, and Dedication
The Offering
Offertory Organ Interlude
Anthem—"O Clap Your Hands" *R. Vaughan Williams*
Response—The Doxology
Prayer of Dedication
Sermon—"The New Heavens and the Old Earth"
Prayer
Benediction
Choral Response—"Sevenfold Amen" *Stainer*
The Chimes
Organ Postlude—Carillon *Vierne*

DENOMINATIONAL ANNOUNCEMENTS

Baptist Student Union: Sunday School at 9:30 a.m. at First, Grey Stone, Temple and Watts Street Baptist Churches. 6:15 p.m., Training Union at above churches.

Lutheran Student Association: Sunday, 9:45 a.m., Sunday School at local churches, 6:30 p.m., 208 Flowers Building—Brief Worship. Rides from Hanes House corner at 6:15 and from East Campus circle at 6:20 p.m. Wednesday, 7:15 a.m. and 8:00 a.m., Memorial Chapel of Duke Chapel, Holy Communion. Rides from Hanes House corner at 7:00 a.m. and from East Campus circle at 7:05 a.m.

Methodist Student Fellowship: Sunday, 6:30 p.m., Worship, with sermon by Don Robinson. After the service, there will be a forum—panel discussion on the Peace Corps proposed by President Kennedy, led by graduate student, Paul Wohlford. Wednesday, 6:00 p.m., Holy Communion, with sermon by Art Brandenburg.

Episcopal Student Fellowship: Holy Communion will be celebrated at 9:30 a.m. Sunday morning at the Episcopal Student Center by The Reverend Mr. J.

W. O'Brien. Breakfast will follow. Evensong will begin at 6:30 p.m. followed by a program by The Reverend Dr. Herbert P. Sullivan of the Religion Department on "Zen Buddhism." The public is cordially invited to attend.

Westminster Fellowship: Sunday, 9:30 a.m., Presbyterian Bible Class, Chaplain's Office, 2127 Myrtle Drive. 6:30 p.m., Westminster Fellowship, meet at the Ark for transportation to First Presbyterian Church to hear Dr. Karlis Leyasmayer. Wednesday, 6:00 p.m., Westminster Supper Club, East Campus Union.

BACH BY LOREN WITHERS

The Two Part Inventions of J. S. Bach will provide the focus of an illustrated lecture analysis by Associate Professor Loren Withers on Sunday afternoon, February 12th, at 4:00 p.m. in Asbury Auditorium, East Campus. An inside view of the Baroque master composer is presented as the fourth program of the Duke Music Department Faculty Series. The public is cordially invited to attend this program of selected keyboard works.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, February 13th, in Room 113 Biology Building, at 4:15 p.m. Dr. Hilary B. Moore, Marine Laboratory, University of Miami, will speak on "Vertical Distribution of Plankton." Coffee will be served in Room 113 at 3:50 p.m. preceding the seminar.

S. U. TRAVEL SEMINAR

The second of the weekly S. U. Travel Seminars will be held on Monday, February 13th, at 4:30 p.m. in Room 201 Flowers Building. Byron Battle, '61, will talk on student travel in Russia and will show slides of his trip there last summer. Byron was one of the twelve American students who visited Russia under the sponsorship of the National YMCA-YWCA office. The visit was part of the U.S.-Russian reciprocal student exchange program.

S. U. PRE-ARTISTS' SERIES SYMPHONY SEMINAR

Professor Allan Bone, of the Music Department, will be the third speaker for the S. U. Pre-Artist Series Seminar, and will discuss the history and development of the symphony orchestra with particular attention given to the Detroit Symphony and the program which they will give on February 17th. The seminar will meet in the Music Lounge of Flowers Building at 7:30 p.m. on Monday, February 13th, and all interested persons are invited to attend.

ENGINEERING FACULTY COUNCIL MEETING

The Engineering Faculty Council will meet on Wednesday, February 15th, at 4:00 p.m. in the Conference Room of the Engineering Building.

HUMANITIES COUNCIL LECTURE

The University Council on the Humanities will sponsor a public lecture on "Humanistic Scholarship in the United States" at 8:00 p.m. on Monday, February 13th, in Room 208 Flowers Building. The speaker will be Dr. Richard Schlatter, Professor of History at Rutgers University and a Senior Fellow of the Princeton Council on the Humanities.

ENGINEERING FACULTY MEETING

The Engineering Faculty will meet on Tuesday, February 14th, at 11:30 a.m. in Room 140 Engineering Building. The topic under consideration will be "Proposed Transfer of Administrative Responsibility for Engineering Freshmen," with Dean Walter J. Seeley in charge of the program.

MATHEMATICS SEMINAR

The Mathematic Seminar will meet on Tuesday, February 14th, at 4:00 p.m. in Room 135 Physics Building. Dr. Louis Brickman of Yale University will speak to the group on the subject, "A Locally Convex Algebra of Analytic Functions." Coffee will be served in Room 132 at 3:30 p.m.

SYMPOSIUM ON STUDENT TEACHING

Kappa Delta Pi, education honorary society, will sponsor a symposium on student teaching in which the experiences of several students who taught last fall will be explored. At the symposium, 7:00 p.m., on Tuesday, February 14th, in the Green Room, East Duke Building, "Leader-offers" will be Stephanie Empkie, Annie Lewis Johnston, Nell Thrift, and Judy Van Ausdall, with J. S. Attebery as moderator. Students who will teach this spring or who are planning teaching careers are especially invited.

ARTHUR KOESTLER IN STUDENT UNION LECTURE

Dr. Arthur Koestler, eminent scholar and author, will be a guest of the Parapsychology Department during the first part of the week.

He will speak on Tuesday evening under the auspices of the Student Union Educational Affairs Committee in the Music Room of East Duke Building at 8:15 p.m. Dr. Koestler will discuss phases of his new area of interest dealing with the control of the mind. He has recently completed an extensive tour of the Orient where he made studies of the various religions and their influence on the minds of men.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Edward F. McLean for the Ph.D. degree in Romance Languages will take place on Wednesday, February 15th, at 3:15 p.m. in the Library Conference Room. Mr. McLean's dissertation is "Objectivity and Change in Pardo Bazan's Treatment of Priests, Agnostics, Protestants,

and Jews." Members of the examining committee will be Professors Gifford Davis, J. M. Fein, R. L. Predmore, L. B. Walton, and Herman Salinger, with Professor Davis as Chairman.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, February 15th, at 4:15 p.m. in Room 113 Biology Building, West Campus. Dr. Max Hommersand, Department of Botany, University of North Carolina, Chapel Hill, N.C., will speak on "Biochemical Aspects of the Development of Zygotes in Chlamydomonas." Tea and coffee will be served at 4:00 p.m.

DUKE LAW DAMES FASHION SHOW

On Wednesday, February 15th, at 8:00 p.m. in the Law School Lounge, the first part of a two-part fashion show will be held. Miss Joan Brooks from Burton's at Northgate Shopping Center will be the moderator for both evenings. On February 15th she will discuss current fashions, and on March 1st she will continue the program with a showing of clothes. Members of the Law Dames will be models for the evening.

NEWCOMERS CLUB MEETING

The Newcomers Club will hold a sewing hour and tea at the home of Mrs. Bernard Bressler, 2700 Circle Drive on Thursday, February 16th at 3:00 p.m. Members will sew for charity. Last year baby clothes and blankets made by the Newcomers were given to the Salvation Army in Durham. For many years members of the club have been a contributing unit for the Needlework Guild of America.

PAKISTAN STUDENT ASSOCIATION MEETING

The Pakistan Student Association will meet on Thursday, February 16th, at 7:00 p.m. in Room 114 Social Science Building. Dr. R. S. Wheeler will speak on "Pakistan Today." Slides will be shown and refreshments served. Interested members of the University Community are cordially invited.

INTERDISCIPLINARY SEMINAR

An Interdisciplinary Seminar on the Biological Bases of Behavior will be held on Friday, February 17th, at 4:00 p.m. in Room 114 Science Building, East Campus. Professor Wolfgang Köhler, speaker at the seminar, is a world authority on problems of perception and memory, was formerly Director of the Psychological Institute, University of Berlin, and was recently professor of Psychology at Swarthmore College. He was a first recipient of the Award for Distinguished Scientific Contribution of the American Psychological Association, of which he has since been president. Recently he gave the Gifford Lectures at the University of Edinburgh. His topic will be "Biology and Psychology."

ARTISTS' SERIES CONCERT DETROIT SYMPHONY ORCHESTRA

The Duke University Artists' Series will offer the third of its concerts in the 1960-'61 season on Friday, February 17th, at 8:15 p.m. in Page Auditorium. The Detroit Symphony Orchestra, with Paul Paray conducting, will present the following program:

Overture to "Euryanthe"	<i>Weber</i>
Symphony No. 2	<i>Sibelius</i>
Intermission	
Deux Nocturnes	<i>Debussy</i>
Nuages	
Fetes	
Danse Macabre	<i>Saint Saens</i>
Night on Bald Mountain	<i>Moussorgsky</i>

Tickets may still be purchased in 202-A Flowers Building and by calling Extension 2911.

CHAMBER ARTS SOCIETY QUARTETTO ITALIANO

The Chamber Arts Society announces the fifth concert of its season, to be played by the **Quartetto Italiano**, Saturday, February 18th, in the Music Room, East Duke Building, at 8:15 p.m. The musicians are Paolo Borciani and Elisa Pegreffi (Violins), Piero Farulli (Viola), and Franco Rossi (Cello). The program follows:

Due Canzoni per Sonare a Quattro	<i>Giovanni Gabrieli</i>
Quartet in G minor	<i>Baldassarre Galuppi</i>
Quartet in A major, Opus 41, No. 3	<i>Schumann</i>
Quartet in F major	<i>Ravel</i>

Announcement is also made of the final chamber music concert of this season:

March 18 (Saturday) String Quartet
University of North Carolina

Admission: By Chamber Arts Society Membership Card, or by Guest Card.

Guest Card for single admission to any one concert will cost \$2.50. About 60 Guest Cards will be available for each concert; they may be obtained at the door from 7:30 to 8:00 p.m. the evening of the performance. The Chamber Arts Society is a non-profit organization; membership is open to all persons. For information address Chamber Arts Society, c/o Ernest W. Nelson, Box 6065 College Station, Durham, N. C.

ALPHA DELTA PI 50TH REUNION

A large number of Duke Alumnae will celebrate the 50th Anniversary of the establishment of the Alpha Delta Pi sorority at Duke on Friday and Saturday, February 17th and 18th. Beginning with an open house on Friday evening at the home of Mrs. Everett Bugg and continuing on Saturday with a coffee hour, a luncheon at Holiday Inn, and an after-

noon tea in East Duke Building, the celebration will conclude with a Golden Anniversary Bauquet in the West Campus Union. We welcome these friends to the campus.

DEADLINE FOR GRADUATE STUDENTS

All graduate students who expect to receive their degree in June must file an Intention to Graduate form in the Graduate School Office by March 1st. No candidates for June will be accepted after this date.

INCOME TAX RETURNS

Representatives from the North Carolina Department of Revenue will be in the Baker House reception room on February 16th and in the Conference Room, 103 Library, on February 17th to assist employees with State income tax returns. University representatives will assist in the preparation of Federal income tax returns.

Thursday, February 16th—Baker House Reception Room

Friday, February 17th—Conference Room, 103 Library

Hours: 9:00 a.m.-4:30 p.m. both days.

S. U. ART EXHIBITS ALUMNI LOUNGE

The Student Union Music and Arts Committee presents a traveling art exhibit from the Bertha Schaefer Gallery, New York City, during the period of February 5th-25th. The exhibit, **European and American Drawings and Watercolors**, may be seen in the Alumni Lounge between the hours of 9:00 a.m. and 10:00 p.m. daily.

Running concurrently with this exhibit is a display of Hand Crafts of the Southern Highlands. All the items, including wood carvings, enameling, jewelry and hand woven scarfs and mats are made by well known craftsmen in the Appalachian Mountain areas which include Western North Carolina and parts of eight other southern states. The public is cordially invited to view these exhibits.

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WEEK OF
Feb. 19-25, 1961

CALENDAR

WEEK OF
Feb. 19-25, 1961

OF

DUKE UNIVERSITY



Events of the Week

Sunday, February 19

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Doctor Creighton Lacy, Associate Professor, Missions and Social Ethics. Sermon: "Wild Storm of Peace." Broadcast over Radio Station WDNC and WDNC-FM.

3:00 p.m. Joint Duke-U.N.C. Hillel Meeting. Hill Hall, U.N.C., Chapel Hill.

Monday, February 20

4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Dr. William R. Dawson.

4:30 p.m. S. U. Travel Seminar. 201 Flowers Building. Speaker: Dean Marianna Jenkins.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Bowling for faculty and staff. Bowling Alleys in Ark on East Campus.

8:00 p.m. Botany Lecture. Room 113 Biology Building. Speaker: Dr. William Siegelman.

8:15 p.m. Varsity Basketball: Duke versus University of Virginia. Indoor Stadium.

8:15 p.m. U. R. C. Lecture. Woman's College Auditorium. Speaker: Dr. George A. Buttrick.

Tuesday, February 21

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. John Strugnell.

12:40 p.m. Faculty Luncheon and Lecture. Union Ballroom. Speaker: Dr. George A. Buttrick.

4:00 p.m. Mathematics Seminar. Room 135 Physics Building. Speaker: Mr. David W. Jonah.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. French Table and Spanish Table. East Campus Union Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

8:00 p.m. Graduate English Club Lecture. 208 Flowers Building. Speaker: Professor Leonard Unger.

8:00 p.m. Episcopal Liturgy Lectures. Episcopal Student Center. Speaker: Mr. David Pizarro.

8:00 p.m. Botany Lecture. Room 113 Biology Building. Speaker: Dr. William Siegelman.

Wednesday, February 22

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. John Strugnell.

4:00 p.m. Phi Beta Kappa Business Meeting. Room 211 Divinity School.

4:15 p.m. Botany Seminar. Room 113 Biology Building. Speaker: Dr. Brenda Slade.

4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Gold Rush" with Charlie Chaplin. Mr. Chaplin has added a sound track commentary in his own words to this "silent" comedy classic. "... gives enchanting expression to the most poignant human feelings and moods. He achieved the complete expression of the ageless, timeless little fellow."—Crowther, N. Y. Times.

7:00-10:00 p.m. Registration for the U. N. Model General Assembly. Flowers Lounge.

7:30 p.m. National Engineers' Week Celebration. Engineering Auditorium. Speaker: Dean Walter J. Seeley.

Thursday, February 23

10:00 a.m. Opening Plenary Session of the U. N. Model General Assembly. Page Auditorium.

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Jim Stamper, Episcopal Theological Seminary, Alexandria, Virginia.

11:30 a.m. Civil Engineering Seminar. Room 120 Engineering Building. Speaker: Professor W. H. Gardner.

1:00 p.m. Lenten Noonday Service. University Chapel. Preacher: Dr. John Carlton.

2:30 p.m. The final examination of Mr. James E. Kurz for the Ph.D. degree in Chemistry. Room 220 Chemistry Building.

4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.

5:00 p.m. Faculty volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

6:00 p.m. Trinity College Historical Society Meeting. S. & W. Cafeteria. Speaker: Professor D. C. Watt.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

8:15 p.m. U. N. Model General Assembly Address: Ambassador Frederick H. Boland. Page Auditorium.

Friday, February 24

9:00 a.m. U. N. Model Assembly Plenary Session. Page Auditorium.

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Larry Bond.

11:00 a.m. U. N. Model Assembly Address: Dr. Arthur Larson. Page Auditorium.

4:00 p.m. Chemistry Staff Seminar. Room 01 Chemistry Building. Speaker: Professor H. W. Thompson.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.

8:15 p.m. Campus Chests: Illustrated Lecture. Room 208 Flowers Building. Speaker: Mr. Bruce Landsdale.

Saturday, February 25

9:00 a.m. U. N. Plenary Session. Page Auditorium.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Gold Rush" with Charlie Chaplin. Mr. Chaplin has added a sound track commentary in his own words to this "silent" comedy classic. "... gives enchanting expression to the most poignant human feelings and moods. He achieved the complete expression of the ageless, timeless little fellow."—Crowther, N. Y. Times.

UNIVERSITY SERVICE OF WORSHIP

The University Service of Worship will be held on Sunday, February 19th, at 11:00 a.m. in the University Chapel. The morning sermon, entitled "Wild Storm of Peace," will be delivered by The Reverend Dr. Creighton Lacy, Associate Professor, Missions and Social Ethics. The order of worship will be as follows:

Presiding Minister: The Reverend Howard C. Wilkinson,
Chaplain to the University

Prelude

Call to Worship—"The Lord Is in His Holy Temple"

Harrington

Hymn—"O Worship the King"

Johann M. Haydn

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Jesu, Friend of Sinners" (Ave, Maris Stella)

Clarence Dickinson

Scripture—Col. 3:5-17; 4:2-4

Hymn—"In Christ There Is No East or West" *John Oxenham*

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving,
Intercession, Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Let Thy Holy Presence"

P. Tschesnokoff

Response—The Doxology

Prayer of Dedication

Sermon—"Wild Storm of Peace"

Prayer

Benediction

Chorale Response—"Sevenfold Amen"

Stainer

The Chimes

Postlude

DENOMINATIONAL MEETINGS

Baptist Student Union: Sunday, 9:45 a.m.—Sunday School at First, Grey Stone, Temple and Watts St. Churches. 6:15 p.m.—Baptist Training Union at above churches. 7:30 p.m.—Brotherhood Week Service at Watts St. Church, with Rabbi M. Herbert Berger as speaker. Reception following. Wednesday: 5:15 p.m.—Dinner meeting in E. Campus Union. Dean Barney Jones, speaker. Subject: "Faith and Learning."

Episcopal Student Fellowship: Sunday, 9:30 a.m.—Holy Communion, Episcopal Student Center. 6:30 p.m.—Evensong, panel discussion: Dr. Thomas Cordle and Dr. William Bush will discuss, "Death in Modern French Thought." Rides will be furnished from E. Campus Circle and from Hanes House at 6:20 p.m. During Lent, with the exception of Saturday, Evensong will be sung every day at 5:30 p.m. Holy Communion will be celebrated each Wednesday at 7:00 a.m. and again at 5:30 p.m.

Lutheran Student Association: Sunday, 9:45 a.m.—Sunday School at local churches. 6:30 p.m., in 208 Flowers—Talk by Jack Van Wyk, of South Africa, on "Africa and Its People." Rides from Hanes House corner at 6:15 and from E. Campus Circle at 6:20 p.m. Wednesday, 7:15 a.m. and 8:00 a.m., in the

Memorial Chapel of Duke Chapel—Holy Communion. Rides from Hanes House corner at 7:00 a.m. and from E. Campus Circle at 7:05 a.m.

Methodist Student Fellowship: Sunday, 9:30 a.m., at the Methodist Student Center—Sunday morning seminars. 6:30 p.m.—worship, with the Reverend Arthur L. Brandenburg as speaker. Wednesday, 6:00 p.m.—Holy Communion.

Westminster Fellowship: Sunday, 9:30 a.m.—Sunday School, 2127 Myrtle Drive. 6:15 p.m., in the Ark, E. Campus—Westminster Fellowship. Speaker, the Reverend Robert Henderson. Subject, "Way Out Witness: Abstract Evangelism." Wednesday, 6:00 p.m., E. Campus Union—Westminster Supper Club.

Unitarian Fellowship: Sunday, 7:30 p.m. at the home of Mr. and Mrs. A. C. Jackson, 101 W. Woodridge Drive. Program: Mr. M. Chaudry, graduate student in Economics speaks on: "Economic Development in India." Mr. S. M. Rahman, graduate student in Psychology, speaks on: "Indi-Pakistan Relations."

JOINT DUKE-U.N.C. HILLEL MEETING

A program featuring American Jewish music and sponsored by the Hillel Foundation will be held on Sunday, February 19th, at 3:00 p.m., at Hill Hall, U.N.C. Members of the Duke University Community are invited.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, February 20th, in Room 113 Biology Building at 4:15 p.m. Dr. William R. Dawson, Department of Zoology, University of Michigan, will speak on "Patterns of Temperature Adaptation in Terrestrial Vertebrates." Coffee and tea will be served in Room 113 at 4:00 preceding this seminar.

S. U. TRAVEL SEMINAR

The third session of the Student Union's Travel Seminar to be held at 4:30 p.m. in Room 201 Flowers Building on Monday, February 20th, will be concerned with travel and study in France. Dean Marianna Jenkins, who has studied and travelled extensively in this area and who has recently served as directress for "The Junior Year in France Group" sponsored by Sweet Briar College, will be the speaker for the seminar.

BOTANY LECTURES

Two Lectures in the Series on: **Light Effects on Plants**, will be given on Monday and Tuesday, February 20th and 21st, at 8:00 p.m. in Room 113 Biology Building, West Campus. Dr. William Siegelman, Pioneering Laboratory, ARS, United States Department of Agriculture, Beltsville, Maryland, will speak on "Studies on Phytochrome—A Red, Far-Red Photo-reversible Pigment Associated with Photoperiodic Behavior and Other Light Controlled Phenomena."

U.R.C. LECTURES DR. GEORGE A. BUTTRICK

A major event in the religious life of Duke University will occur in the visit of the Reverend Dr. George A. Buttrick to our campus, February 26th to 28th. He will be the featured speaker in a campus-wide meeting on Monday evening in the Woman's College Auditorium beginning at 8:15 p.m. This will be sponsored by the Special Observances Committee of the Duke University Religious Council. At that time, Dr. Buttrick will speak on "Biblical Thought and a Secular University," and his address will be followed by a question period. The public is cordially invited to attend.

On Tuesday, February 28th, Dr. Buttrick will speak to the University Faculty in the Union Ballroom at a luncheon meeting which will begin at 12:40 and will end at 2:00 p.m. His topic at this luncheon will be "Religion at Harvard."

One of America's most distinguished clergymen, Dr. Buttrick is this year the Harry Emerson Fosdick Visiting Professor at Union Theological Seminary in New York. In 1915 he received the M.A. degree from Victoria University, Manchester, England, and since has received honorary doctoral degrees from eight American colleges and universities.

Dr. Buttrick is Past President of the Federal Council of Churches; Fellow, American Academy of Arts and Sciences; Editor-in-Chief of *The Interpreter's Bible* and *The Interpreter's Dictionary*. He is also the author of numerous books, among which is his most recent volume, *Biblical Thought and the Secular University*.

MATHEMATICS SEMINAR

Mr. David W. Jonah of Brown University will be the speaker for a Mathematics Seminar to be held on Tuesday, February 21st, at 4:00 p.m. in Room 135 Physics Building. The topic of his lecture will be "Cohomology Operations and Homology of Groups." Coffee will be served at 3:30 p.m. in Room 132 Physics Building.

GRADUATE ENGLISH CLUB LECTURE

Professor Leonard Unger, visiting Professor from the University of Minnesota, will deliver a lecture entitled "T. S. Eliot's 'Magic Lantern'" on Tuesday, February 21st, at 8:00 p.m. in 208 Flowers Building. Sponsored by the Graduate English Club, the lecture is open to the public.

EPISCOPAL LITURGY LECTURES

The Faculty Committee of the Episcopal Student Center announces a series of lectures on topics related to the liturgy. The first of these lectures will be held at the Episcopal Student Center on Tuesday, February 21st, at 8:00 p.m. and will be delivered by Mr. David Pizarro, Mus. M., Organist of St. Philip's Church, Durham. Mr. Pizarro's topic will be "The Role of the Church Musician in his Relationship to the Liturgy and his Responsibility to the Laity." The public is invited; refreshments will be served following the lecture.

PHI BETA KAPPA BUSINESS MEETING

The regular winter business meeting of the Duke Chapter of Phi Beta Kappa will be held on Wednesday, February 22nd, at 4:00 p.m. in Room 211 Divinity School. At this meeting undergraduate, alumnus, and honorary elections will be considered. Also, officers for next year will be elected. All members, including recently elected undergraduates, are urged to be present.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, February 22nd, at 4:15 p.m. in Room 113 Biology Building, West Campus. Dr. Brenda Slade of the Department of Botany, will speak on "Developmental Studies on the Venation of Leaves." Tea and coffee will be served at 4:00 p.m.

U.N. MODEL GENERAL ASSEMBLY

Duke University will be host to a three day meeting of the United Nations Model General Assembly beginning on Thursday, February 23rd, and continuing through Saturday afternoon, February 25th. Some 250 students from more than 50 colleges and universities in various states will participate in the Assembly which will be patterned after the U. N. itself. There will be five committees and each will have two agenda items to be considered by the Assembly. The Duke event will be one of 12 college U. N. Model Assemblies to be conducted at various places throughout the nation during the current academic year. Any items passed by this Assembly will be considered at the annual conference of the Collegiate Council for the United Nations which will be held next summer.

The guest speaker will be Ambassador Frederick H. Boland, current President of the U. N. General Assembly, who will address the Assembly at a public meeting in Page Auditorium at 8:15 p.m. on Thursday, February 23rd. This portion of the Assembly is under the auspices of the Student Union's Educational Affairs Committee. Ambassador Boland will speak on "The Change in the New World."

Friday morning's speaker will be Dr. Arthur Larson, Professor of Law and Director of World Rule of Law Center, who will be heard at 11:00 a.m. in Page Auditorium speaking on the topic, "The International Court of Justice."

Sponsored by the Duke Men's and Women's Student Government Associations and the Y.W.C.A. and Y.M.C.A., the Model Assembly will be presented under the auspices of the Duke Chapter of the Collegiate Council for the United Nations. Miss Ine Nijhuis, '61, will serve as Secretary-General for the Duke Assembly. All sessions are open to the public.

CHEMISTRY STAFF SEMINAR

Professor H. W. Thompson, F. R. S., from Oxford University, will speak at the Chemistry Staff Seminar on Friday, February 24th, at 4:00 p.m. in Room 01 Chemistry Building. The subject of Professor Thompson's address will be "Vibration Absorption Bands in Large Molecules." All interested persons are invited.

NATIONAL ENGINEERS' WEEK CELEBRATION

In celebration of National Engineers' Week, the student branches of the three professional engineering societies—A.S.C.E., A.S.M.E., and A.I.E.E.-I.R.E.—will sponsor a program at 7:30 p.m. on Wednesday, February 22nd, featuring Dean Walter J. Seeley of the College of Engineering. Dean Seeley's topic will be "Whither Engineering at Duke University?" The meeting will be held in the auditorium of the Engineering Building.

All interested members of the University Community are cordially invited to attend. A social will follow the talk.

CIVIL ENGINEERING SEMINAR

The Department of Civil Engineering is pleased to announce the resumption of its Seminar for the Spring Semester. The first lecture will be given by Professor W. H. Gardner, Jr., on "A Proposed Rheological Model for Soils" at 11:30 a.m., Thursday, February 23rd, in Room 120 Engineering Building. Other lectures will be scheduled at the same time and place on alternate weeks.

Mr. Gardner is an Associate Professor in Civil Engineering and is in charge of both the Graduate and Undergraduate programs in Soil Mechanics. He is the Chief Investigator of an Army Research Office project in Soil Mechanics which has been in progress for the last three years. All interested persons are invited to attend the seminar.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. James E. Kurz for the Ph.D. degree in Chemistry will be held on Thursday, February 23rd, at 2:30 p.m. in Room 220 Chemistry Building. The subject of Mr. Kurz's dissertation will be "A Thermodynamic Study of the Solutions of Atactic and Isotactic Poly (Butene-1)." The committee to conduct the examination will consist of Professors W. R. Krigbaum, H. A. Strobel, Frances Brown, Douglas Hill, and Horst Meyer. Professor Krigbaum will preside.

TRINITY COLLEGE HISTORICAL SOCIETY MEETING

There will be a supper meeting of the Trinity College Historical Society at 6:00 p.m. on Thursday, February 23rd, at the S. & W. Cafeteria. Professor D. C. Watt of the London School of Economics and Political Science will speak on "The U.S. and the British Foreign Policy-Making Elite, 1896-1956." The public is invited.

CAMPUS CHESTS ILLUSTRATED LECTURE

The Campus Chests will sponsor a lecture on Friday, February 24th, at 8:15 p.m. in 208 Flowers Building. Mr. Bruce Lansdale, Director of the American Farm School in Salonica, Greece, will give an illustrated talk on the work of the school, and its effect upon the Greek economy. The Farm School is

a project on the Duke East and West Campus Chests. A graduate, Mr. Costas Bonkouvalas, will demonstrate a Greek folk dance.

ADVANCE NOTICE BRASS AND ORGAN RECITAL

A recital for brass and organ will be presented in the University Chapel on Sunday afternoon, March 5th, at 4:00 with Mildred L. Hendrix at the organ and Paul Bryan conducting the brass ensemble.

ANDOVER SUMMER SESSION SCHOLARSHIPS

Faculty members with sons in the 9th, 10th, 11th, and 12th grades may be interested in Andover Summer Session Scholarships to Phillips Academy, Andover, Massachusetts. For the session extending from June 28th to August 10th, 1961, ten full awards of \$600 each are being offered, covering board, room, and tuition. Further information may be obtained by writing Director, Andover Summer Session, Andover, Massachusetts.

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WEEK OF
Feb. 26-Mar. 4, 1961

CALENDAR

WEEK OF
Feb. 26-Mar. 4, 1961

OF DUKE UNIVERSITY



Events of the Week

Sunday, February 26

- Denominational Meetings. See special notice.
- 10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.
- 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Dr. George A. Buttrick, Harry Emerson Fosdick Visiting Professor, Union Theological Seminary, N.Y.C. Sermon: "Now." Broadcast over Radio Station WDNC and WDNC-FM.
- 4:00 p.m. Student Recital: Tom Howell, flutist. Music Room, East Duke Building.

Monday, February 27

- 1:15 p.m. Bowling Clinic. East Campus Gymnasium.
- 4:30-5:30 p.m. S. U. Travel Seminar. Room 201 Flowers Building. Speaker: Miss Carolyn Murray.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 8:00 p.m. Erasmus Club Meeting. Music Room, East Duke Building. Speaker: Professor Eugenia Saville.
- 8:30 p.m. U. R. C. Lecture: Dr. George A. Buttrick. Woman's College Auditorium.

Tuesday, February 28

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Frank Baker.
- 12:40 p.m. U.R.C. Luncheon-Lecture. Union Ballroom. Speaker: Dr. George A. Buttrick.
- 4:00 p.m. Mathematics Seminar. Room 135 Physics Building. Speaker: Dr. Seth Warner.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:30 p.m. French Table and Spanish Table. East Campus Union Building.
- 7:30 p.m. S. U. Fine Arts Film Festival: "Glimpses into Contemporary Arts." Page Auditorium.
- 9:30 p.m. S. U. Open House. Flowers Lounge.

Wednesday, March 1

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Frank Baker.
- 4:15 p.m. Botany Seminar. Room 113 Biology Building, West Campus. Speaker: Dr. F. A. Wolf.
- 4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 6:00 p.m. Tau Kappa Alpha Dinner Meeting. Old Trinity Room. Speaker: Dr. Herbert J. Her-ring.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:05 & 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Wild Strawberries" (Swedish) with Victor Sjöström, Bibi Andersson, and Ingrid Thulin. Ingmar Bergman's prize winning film. Grand Prize—Berlin Film Festival and Danish Academy Award. "Best Foreign film of the year."—National Board of Review. "One of the most peculiarly gifted and demoniacally creative movie makers of modern times." **Time Magazine.**
- 8:00 p.m. Graduate English Club. Music Room, East Duke Building.
- 8:00 p.m. Duke Law Dames Fashion Show. University House, 2138 Myrtle Drive.

Thursday, March 2

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Bill Friday.
- 1:00 p.m. Lenten Noonday Service. University Chapel. Speaker: Dean Barney L. Jones.
- 4:00 p.m. Meeting of the University Faculty. Page Auditorium.
- 4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.
- 5:00 p.m. Faculty volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:00 p.m. Duke University Nursery School P. T. A. meeting. Bivins Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Duke Symphony Orchestra: Student Concert. Woman's College Auditorium.
- 8:15 p.m. Nereidian Club Water Pageant. Woman's College Gymnasium.

Friday, March 3

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Dick Weingart.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.

- 7:00 p.m. U. R. C. Film: "Patterns." Page Auditorium.

Saturday, March 4

- 7:05 & 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Wild Strawberries" (Swedish) with Victor Sjöström, Bibi Andersson, and Ingrid Thulin. Ingmar Bergman's prize winning film. Grand Prize—Berlin Film Festival and Danish Academy Award. "Best Foreign film of the year."—National Board of Review. "One of the most peculiarly gifted and demoniacally creative movie makers of modern times."—**Time Magazine.**
- 8:15 p.m. Nereidian Club Water Pageant. Woman's College Auditorium.

UNIVERSITY SERVICE OF WORSHIP

The University Service of Worship will be held on Sunday, February 26th, at 11:00 a.m. in the University Chapel. The Reverend Dr. George A. Buttrick, Harry Emerson Fosdick Visiting Professor, Union Theological Seminary, New York City, will deliver the morning sermon entitled "Now."

DENOMINATIONAL ANNOUNCEMENTS

Baptist Student Union: Sunday, 9:45 a.m.—Sunday School at First, Grey Stone, Temple and Watts St. Baptist Churches. 6:15 p.m., Training Union at same churches. **Wednesday, 6:30 p.m.**—Vesper program at E. Duke Chapel, with John Patterson as leader.

Episcopal Student Fellowship: Sunday, 7:00 p.m.—Evensong, followed by an address on "Death and Resurrection" by Dr. George A. Buttrick. Evensong will be sung daily during Lent, except on Saturdays, at 5:30 p.m., at the Episcopal Student Center. Holy Communion will be celebrated each Wednesday at 7:10 a.m. and 5:30 p.m.

Lutheran Student Association: Sunday, 9:45 a.m., Sunday School at local churches. 6:30 p.m.—Brief worship at 208 Flowers Bldg. Rides from Hanes House corner at 6:15 and from E. Campus Circle at 6:20 p.m. **Wednesday, 7:15 a.m. and 8:00 a.m.**, Holy Communion in Memorial Chapel of Duke Chapel. Rides from Hanes House corner at 7:00 a.m. and from E. Campus circle at 7:05 a.m.

Methodist Student Fellowship: Tonight through Thursday, 6:30 p.m. each day, a special Preaching Mission. The preacher will be Dr. J. Claude Evans, Chaplain to Southern Methodist University, who is a frequent preacher at Lake Junaluska Assembly and he is an author whose articles have appeared in **Motive** and **Christian Century** magazines. Here he will preach on the theme, "Christianity and Everyday Life," and each service will be held at the Methodist Student Center on Oregon St.

Westminster Student Fellowship: Will meet with the Episcopal Student Fellowship, as described above.

STUDENT RECITAL TOM HOWELL, FLUTIST

The Department of Music will present a student recital by Thomas Howell, flutist, at 4:00 p.m. in the Music Room, East Duke Building, on Sunday, February 26th. Mr. Howell will be assisted at the piano by Alice Wilkinson. The public is cordially invited to attend. His program will be as follows:

Sonata IV in C major	Handel
Larghetto	
Allegro	
Larghetto	
Allegro	
Tempo di Gavotta	
Sonata (1936)	Paul Hindemith
Heiter bewegt	
Sehr langsam	
Sehr lebhaft	
Marsch	
Intermission	
Sonata I in B minor	J. S. Bach
Andante	
Largo	
Presto; Allegro	
Sonatine (1946)	Pierre Sancan

BOWLING CLINIC

There will be a bowling clinic for students and interested faculty in the East Campus Gymnasium on Monday, February 27th, at 1:15 p.m. A professional bowler will be on hand to demonstrate techniques and skills. The clinic is being held under the auspices of the Woman's College Physical Education Department.

S. U. TRAVEL SEMINAR

The fourth of the weekly Student Union Travel Seminars will be held on Monday, February 26th, in Room 201 Flowers Building at 4:30 p.m. Miss Carolyn Murray, '60, will speak on her experience in Italy as a participant in the program, "Experiment in International Living." All interested persons are invited to attend.

ERASMUS CLUB MEETING

The Erasmus Club will meet at 8:00 p.m. on Monday, March 6th. Please note that the place of this meeting will be the Music Room of East Duke Building. The speaker will be Professor Eugenia Saville of the Department of Music, who will speak on "Oratorio as Propaganda (?)." A cordial welcome is extended to all members and their guests.

U.R.C. LECTURES DR. GEORGE A. BUTTRICK

A major event in the religious life of Duke University will occur in the visit of the Reverend Dr. George A. Buttrick to our campus, February 26th to 28th. He will be the featured speaker in a campus-wide meeting on Monday evening in the Woman's College Auditorium beginning at 8:30 p.m. This will be sponsored by the Special Observances Committee of the Duke University Religious Council. At

that time, Dr. Buttrick will speak on "Biblical Thought and a Secular University," and his address will be followed by a question period. The public is cordially invited to attend.

One of America's most distinguished clergymen, Dr. Buttrick is this year the Harry Emerson Fosdick Visiting Professor at Union Theological Seminary in New York. In 1915 he received the M.A. degree from Victoria University, Manchester, England, and since has received honorary doctoral degrees from eight American colleges and universities.

Dr. Buttrick is Past President of the Federal Council of Churches; Fellow, American Academy of Arts and Sciences; Editor-in-Chief of *The Interpreter's Bible* and *The Interpreter's Dictionary*. He is also the author of numerous books, among which is his most recent volume, *Biblical Thought and the Secular University*.

URC LUNCHEON-LECTURE DR. GEORGE A. BUTTRICK

The Faculty Program Committee of the University Religious Council announces a luncheon meeting sponsored by the Faculty Program Committee at 12:40 p.m. on Tuesday, February 28th in the Union Ballroom. Dr. George A. Buttrick, Fosdick Visiting Professor at Union Seminary, New York, will talk at the luncheon on "Religion at Harvard," examining the relevance and impact of religion in the community where he taught until this year. Dr. Buttrick's career is a distinguished one including as it does the teaching of homiletics at Union Theological Seminary, a term as President of the Federal Council of Churches, and the position of Editor-in-Chief of *The Interpreter's Bible*.

Tickets for the \$1.25 luncheon will be sold at the door. Reservations may be made in 104 Allen Building. Faculty and staff members are extended a cordial invitation.

MATHEMATICS SEMINAR

Dr. Seth Warner will be the speaker at a Mathematics Seminar to be held on Tuesday, February 28th, at 4:00 p.m. in Room 135 Physics Building. Dr. Warner's topic will be "Locally Compact Fields and Compact Rings." Coffee will be served at 3:30 p.m. in Room 132.

STUDENT UNION PRESENTS FINE ARTS FILM FESTIVAL

The Student Union Music and Arts Committee announces the presentation of a Fine Arts Film Festival entitled "Glimpses into Contemporary Arts" on Tuesday, February 28th. Included on the program will be Martha Graham's "Appalachian Spring," George Roualt's pictorial account of modern warfare, "Miserere," Anna Sokolow's "Bullfight," and the feature film, *Picasso*.

There is no admission charge, and the public is cordially invited. There will be one showing in Page Auditorium starting at 7:30 p.m.

An open house in Flowers Lounge, under the auspices of the S. U. House Committee, will be held

immediately following the film presentations. A special invitation is extended to the faculty and staff from this student group.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, March 1st, at 4:15 p.m. in Room 113 Biology Building, West Campus. Dr. F. A. Wolf, Department of Botany, will speak on "Oriental Tobacco." Tea and coffee will be served at 4:00 p.m.

TAU KAPPA ALPHA DINNER MEETING

Tau Kappa Alpha, the debate honorary, will hold a dinner meeting at 6:00 p.m. on Wednesday, March 22nd. The meeting will be held in the Old Trinity Room, and the price of the dinner will be \$2.00. Dr. Herbert J. Herring will be the guest speaker. All members of Tau Kappa Alpha are invited to attend. Reservations should be addressed to Miss Virginia Parrott, Box 7326, College Station.

DUKE LAW DAMES FASHION SHOW

The Duke Law Dames will meet for a second evening of a two-part program on Wednesday, March 1st, at 8:00 p.m. at the University House, 2138 Myrtle Drive. The first part was a discussion by Miss Joan Brooks concerning lines of fashion. The second part will be a Fashion Show moderated by Miss Brooks with the Dames modeling fashions from Burton's. Refreshments will be served.

DUKE SYMPHONY ORCHESTRA PRESENTS STUDENT CONCERT

The Duke Symphony Orchestra will present three music majors as student soloists in concert on Thursday, March 2nd, at 8:15 p.m. in the Woman's College Auditorium. The public is cordially invited to attend; there is no admission charge. The program follows:

Intrada	Theron Kirk
Flute Concerto No. I (K. 313)	Mozart
Allegro maestoso	
Adagio non troppo	
Rondo: Tempo di Menuetto	
Thomas Howell ('63) Soloist	
Concertino, opus 49	E. Bozza
pour Basson et Orchestre	
Allegro con moto	
Andante Scorrevole Tranquillo	
Allegro vivo	
Crawford Best ('61) Soloist	
Piano Concerto No. III, opus 37	Beethoven
First Movement: Allegro con brio	
Henry Hester ('61) Soloist	

NEREIDIAN SHOW "HOLIDAY FESTIVAL"

The annual Nereidian Show will be presented on Thursday, March 2nd, and Saturday, March 4th, at 8:15 p.m. in the Woman's College Gymnasium. The title of this year's performance will be "Holiday Festival." Tickets are available from members of the Nereidian Club or from the Physical Education Office, Woman's College Gymnasium. There is no charge and the public is cordially invited.

REGISTRATION OF MOTOR VEHICLES

Members of the faculty and staff who operate automobiles on the campus are reminded that all vehicles which have not been registered since October 1st, 1960, must be registered before March 1st, 1961, and must properly display the new registration emblem.

Registration places are:

- (1) Hospital and Medical School Personnel, other than students, register at the Office of the Personnel Director of the Duke Medical Center.
- (2) All other faculty and personnel register at the Traffic Office Allen Building.

THE ANNE FLEXNER MEMORIAL AWARD FOR CREATIVE WRITING

The Anne Flexner Memorial Award is given annually for the best piece of creative writing submitted by an undergraduate student at Duke University. It consists of fifty dollars in cash and a book allowance of \$25.00. The award last year went to Anne Tyler for Chapter II of a novel.

Conditions

1. The prize is open to all undergraduates, both men and women.
2. Only short stories (5000-word limit), one-act plays (5000-word limit), poems (100-line limit), and informal essays (3000-word limit) are eligible.
3. Only one manuscript may be submitted by any contestant.
4. All manuscripts must be typed double spaced and must be delivered to the English Office (325 Allen Building) by April 17. The author's name and address must appear nowhere except on a separate sheet placed before the manuscript.
5. At the judges' discretion, the prize may be split equally between a winning prose and a winning poetry entry.

DEADLINE FOR GRADUATE STUDENTS

All graduate students who expect to receive their degree in June must file an Intention to Graduate form in the Graduate School Office by March 1st. No candidates for June will be accepted after this date.

ADVANCE NOTICE BRASS AND ORGAN RECITAL

A recital for brass and organ will be presented in the University Chapel on Sunday afternoon, March 5th, at 4:00 with Mildred L. Hendrix at the organ and Paul Bryan conducting the brass ensemble.

THE DUKE UNIVERSITY NURSERY SCHOOL P. T. A. MEETING

The Duke University Nursery School P. T. A. will meet on Tuesday, March 2nd at 8:00 p.m. in the Nursery School, Bivins Building. Miss Jane Wilson, Director of the Durham City School Libraries, will discuss books for children. Interested persons are cordially invited to attend.

WEEK OF
March 5-11, 1961

WEEK OF
March 5-11, 1961

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, March 5

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. The Holy Communion. Communion Meditation: The Reverend Dr. James T. Cleland, Dean of the Chapel. Celebrant: The Reverend Howard C. Wilkinson, Chaplain to the University. Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Brass and organ recital. University Chapel. Dr. Paul Bryan with Mrs. Mildred L. Hendrix.

Monday, March 6

3:30 p.m. The final examination of Mr. William Hamilton Hatcher for the Ph.D. degree in Political Science. Room 302 Library.

4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Dr. Myron Levine.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Bowling for faculty and staff. Bowling Alleys in Ark on East Campus.

8:00 p.m. Erasmus Club Meeting. Music Room, East Duke Building. Speaker: Professor Eugenia Saville.

8:00 p.m. Botany Lecture. Room 113 Biology Building. Speaker: Dr. Jerry J. Wolken.

8:30 p.m. Panhellenic Fashion Show. Woman's College Auditorium.

Tuesday, March 7

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Orval Wintermute.

11:30 a.m. Engineering Faculty Meeting. Room 125 Engineering Building. Speaker: Dr. E. I. Brown.

2:00 p.m. The final examination of Mr. Joseph Eugene Bryson for the Ed.D. degree in Education. Room 08A West Duke Building.

4:00 p.m. Mathematics Seminar. Room 135 Physics Building. Speaker: Dr. David Dean.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. French Table and Spanish Table. East Campus Union Building.

8:00 p.m. Botany Lecture. Room 113 Biology Building. Speaker: Dr. Jerry J. Wolken.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

8:15 p.m. Woman's Student Forum: Players Incorporated in "The Orestia." Page Auditorium.

Wednesday, March 8

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Orval Wintermute.

4:15 p.m. Botany Seminar. Room 113 Biology Building. Speaker: Dr. George W. Martin.

4:30 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 114 Physics Building, Duke University. Speaker: Dr. Ernest Ambler.

4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:00-9:00 p.m. Engineering Lecture. Room 125 Engineering Building. Speaker: Dr. H. A. Strobel.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The World of Apu" (India) Satyajit Ray completes his world-famed Indian trilogy. "Epic stature . . . a masterpiece . . . ineffably moving."—Saturday Review. "One of the most vital and abundant movies ever made."—Time Mag. "The World of Apu" honors the screen."—Crowther, N. Y. Times.

8:15 p.m. French play: "L'Avare" by Moliere. Music Room East Duke Building.

Thursday, March 9

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Milton Mann.

1:00 p.m. Lenten Noonday Service. University Chapel. Speaker: The Reverend Dr. Murray S. Richey.

2:30 p.m. The final examination of Mr. Neil Russel Fletcher for the Ph.D. degree in Physics. Room 218 Physics Building.

3:30 p.m. Economic Seminar. Room 114 Social Science Building. Speaker: Professor William J. Baumol.

4:00 p.m. Undergraduate Faculty Meeting. Room 208 Flowers Building.

4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.

5:00 p.m. Faculty volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:15 p.m. Kappa Delta Pi Russian film: "School Days." Room 204D, East Duke Building.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:00 p.m. Lecture: Zen-Buddhism. Episcopal Student Center. Speaker: The Reverend Herbert Sullivan.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

8:15 p.m. French play: "L'Avare" by Molière. Music Room, East Duke Building.

8:15 p.m. S. U. "Last Lecture." Union Ballroom. Speaker: Dr. Glenn Negley.

Friday, March 10

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Fred J. Boddie, Jr., student from Shaw University, Raleigh, N. C.

12:30 p.m. Muslim Student Fellowship. Room 207 Flowers Building.

3:00 p.m. Political Science Graduate Seminar. Room 208 Flowers Building. Speaker: Professor John A. Armstrong.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.

7:00 p.m. Pre-Artists' Series Seminar: Professor John Hanks. Music Room, East Duke Building.

8:15 p.m. Artists' Series Concert: George London, Bass-baritone. Page Auditorium.

Saturday, March 11

2:00-5:00 p.m. Student Union East-West-Hanes Bridge Tournament. Ark.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The World of Apu" (India) Satyajit Ray completes his world-famed Indian trilogy. "Epic stature . . . a masterpiece . . . ineffably moving."—Saturday Review. "One of the most vital and abundant movies ever made."—Time Mag. "The World of Apu" honors the screen."—Crowther, N. Y. Times.

8:15 p.m. French play: "L'Avare" by Molière. Music Room, East Duke Building.

9:00-12:00 p.m. Military Ball. Elks Club.

UNIVERSITY SERVICE OF WORSHIP

The University Service of Holy Communion will be held Sunday, March 5th, at 11:00 a.m. in the University Chapel as a part of the regular Service of Worship. The Reverend Dr. James T. Cleland, Dean of the Chapel, will deliver the Communion Meditation, and the Reverend Howard C. Wilkinson, Chaplain to the University, will be the celebrant.

DENOMINATIONAL ANNOUNCEMENTS

Baptist Student Union: Sunday—9:30 a.m., Sunday School at Grey Stone, First, Temple and Watts Street Baptist Churches. 6:15 p.m., Baptist Training Union at the above churches. **Wednesday—6:30 p.m.,** Vesper Service, East Duke Chapel.

Episcopal Student Fellowship: Sunday—9:30 a.m., Holy Communion, followed by breakfast. 6:30 p.m., Evensong, followed by a student panel, consisting of Wally Kaufman, Seldon Stewart and Betsy Nimitz, who will discuss "Death and Resurrection" from a student's standpoint. Evensong will be sung every afternoon in Lent at 5:30 o'clock, except Saturdays. Holy Communion will be celebrated at the Episcopal Student Center Wednesday at 7:10 a.m. and at 5:30 p.m.

Lutheran Student Association: Sunday—6:30 p.m., Program in 208 Flowers. Dr. Paul Huddles will speak on "Japan in Christianity." **Wednesday—** Holy Communion will be celebrated in Memorial Chapel of the Duke Chapel at 7:15 a.m. and 8:00 p.m., with rides leaving from East Campus circle and Hanes House corner fifteen minutes preceding each service.

Methodist Student Fellowship: Sunday—9:30 a.m., Seminars and discussion groups. 6:30 p.m., Worship, with Don Robinson as speaker. **Wednesday, 6:30 p.m.,** Holy Communion. All services held at the Methodist Student Center.

Westminster Student Fellowship: Sunday—9:30 a.m., Sunday School at 2127 Myrtle Drive. 6:30 p.m., Westminster Fellowship Holy Communion, in East Duke Chapel. **Wednesday—6:00 p.m.,** Westminster Supper Club, East Campus Union.

Unitarian Student Fellowship: Sunday—7:30 p.m. in 201 Flowers Building. Speakers: Arthur Thomas, Pastor Covenant Church, and Franklin Ingram. Topic: "Some Steps Toward Solving the Racial Problem in Durham."

BRASS AND ORGAN RECITAL

A recital for brass and organ will be presented in the University Chapel on Sunday afternoon, March 5th, at 4:00 with Mildred L. Hendrix at the organ and Paul Bryan conducting the brass ensemble. The public is cordially invited to attend this recital. The program will be as follows:

Sonata from *Sonate et Canzoni*, Giovanni Buonamente
Libro sesto (Venice, 1636) (c. 1625)
Brass Choir

Canzon noni toni from *Sacrae Symphoniae* (Venice, 1597) Giovanni Gabrieli
(1557-1612)
Brass Choir and Organ

Intrada and Chorale: *Lobe den Herren* Harald Rohlig
Edward Keller, Solo Trumpet, with Organ

Andante, Largo from Brass Sonata William Klenz
(1915-)

Brass Choir

Alleluia from Cantata No. 142 Johann Sebastian Bach
(1685-1750)

Chorale-Prelude: *In dulci jubilo* Johann Sebastian Bach
Brass Choir and Organ

Ciacconna in D minor Johann Pachelbel
(1653-1706)

Organ

Grave from Psalm XIX Benedetto Marcello
(1686-1739)

Chorale-Prelude: *O Welt, ich muss dich lassen* Johannes Brahms
(1833-1897)

Toccata from *Il primo libro de Ricercari et Canzoni* (Venice, 1602) Aurelio Bonelli
(c. 1600)

Brass Choir and Organ

Suite Medievale Jean Langlais
Entree (1907-)

Offertoire

Elevation

Acclamations: sur le text des Acclamations Carolingiennes

Organ

Canzon duodecimi toni from Giovanni Gabrieli
Sacrae Symphoniae

Two Brass Choirs and Organ

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. William Hamilton Hatcher for the Ph.D. degree in Political Science will take place on Monday, March 6th, at 3:30 p.m. in Room 302 Library. The title of Mr. Hatcher's dissertation is "The Political and Legal Theories of Westel Woodbury Willoughby." The examining committee will include Professors John H. Hallowell, Robert H. Connery, William Livingston, Albert Sturm, and Calvin B. Hoover, with Professor Hallowell presiding.

PRE-ARTISTS' SERIES SEMINAR PROFESSOR JOHN HANKS

The Student Union Pre-Artists' Series Seminar will be held on Friday, March 10th, in the Music Lounge of Flowers Building at 7:00 p.m. preceding the concert of George London, bass-baritone. Professor John Hanks, of the Music Department, will conduct the seminar which will be concerned with the unusual voice range of the performer and the variety of roles which he has sung in opera and on the concert stage. A discussion of the evening's program will be implemented with recordings. All interested persons are invited to attend.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, March 6th, in Room 113 Biology Building, at 4:15 p.m. Dr. Myron Levine, Biology Department, Brookhaven National Laboratory, will speak on, "Genetic and Biochemical Control of the Lysogenic Interaction between Temperate Phage and Bacteria." Coffee will be served in Room 113 at 4:00 p.m. preceding the seminar.

ERASMUS CLUB MEETING

The Erasmus Club will meet at 8:00 p.m. on Monday, March 6th. Please note that the place of this meeting will be the Music Room of East Duke Building. The speaker will be Professor Eugenia Saville of the Department of Music, who will speak on "Oratorio as Propaganda: An Eighteenth Century Example." A cordial welcome is extended to all members and their guests.

BOTANY LECTURES

The Botany Department will present two lectures on Monday, March 6th, and Tuesday, March 7th, at 8:00 p.m. in Room 113 Biology Building. Dr. Jerry J. Wolken, Head, Biophysics Research Laboratory Medical Center, University of Pittsburgh will speak on "The Environment in Relation to Pigment Synthesis, the Chloroplast, and Photosynthesis," and "The Molecular Organization of the Chloroplast and Energy Transfer in Photosynthesis."

PANHELLENIC FASHION SHOW

On Monday, March 6th, at 8:30 p.m. in the Woman's College Auditorium the Duke Panhellenic Council will present a fashion show, "Fashions for Fun and Sun for '61," featuring the College Shop. Tickets are \$.30 and will go toward the Panhellenic Scholarship.

ENGINEERING FACULTY MEETING

The Engineering Faculty will meet on Tuesday, March 7th, at 11:30 a.m. in Room 125 Engineering Building. Dr. E. I. Brown is in charge of the program which will deal with "Research Projects of the Duke Department of Civil Engineering."

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. Joseph Eugene Bryson for the Ed.D. degree in Education will take place on Tuesday, March 7th, at 2:00 p.m. in Room 08A West Duke Building. The title of Mr. Bryson's dissertation is "Legality of Loyalty Oath and Non-Oath Requirements for Public School Teachers." The examining committee will include Professors E. C. Bolmeier, Allan S. Hurlburt, Olan L. Petty, W. A. Stumpf, and Paul Welsh, with Professor Bolmeier presiding.

MATHEMATICS SEMINAR

The Mathematics Seminar, to be held on Tuesday, March 7th, at 4:00 p.m. in Room 135 Physics Building, will have as its guest speaker Dr. David Dean of Yale University. Dr. Dean's topic will concern "Banach Spaces with the Separable Extension Property." Coffee will be served at 3:30 p.m. in Room 132.

STUDENT FORUM BRING PLAYERS INCORPORATED

IN

"THE ORESTIA"

Players Incorporated, the longest running national repertory company in the U.S., will bring to Page Auditorium "The Orestia" of Aeschylus at 8:15 p.m. on Tuesday, March 7th. This presentation of Players is under the sponsorship of The Woman's Student Forum.

This acting version of the masterpiece of Greek tragedy was presented on network television in 1959 by Omnibus. The three plays of the Orestian Trilogy have been adapted into one brilliant theatre evening by Leo Brady. The production is under the direction of James D. Waring, with choral interpretation by Dr. Josephine McGrary Callan.

The members of the company are graduates of the famous Speech and Drama Department of the Catholic University of America in Washington, D. C. Tickets for their performance here will be sold for \$1.00 and may be purchased the evening of the performance. There will be no advanced sale of tickets and no reserved seats.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, March 8th, at 4:15 p.m. in Room 113 Biology Building. Dr. George W. Martin, Professor Emeritus, State University of Iowa, will speak on "Problems in Classification of the Fungi." Tea and coffee will be served at 4:00 p.m.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The Joint Duke-U.N.C. Physics Colloquium will meet on Wednesday, March 8th, at 4:30 p.m. in Room 114 Physics Building, Duke University. Dr. Ernest Ambler of the National Bureau of Standards, Washington, D.C., will speak on the topic "Nuclear Orientation."

ENGINEERING EXAM REVIEW LECTURE

An Engineer-in-Training Exam Review Lecture will be held on Wednesday, March 8th, at 7:00 p.m. in Room 125 Engineering Building. The lecture, sponsored by Pi Tau Sigma, will be presented by Dr. H. A. Strobel on the subject of "Chemistry."

**ROMANCE LANGUAGE DEPARTMENT
PRESENTS MOLIERE'S "L'AVARE"**

"L'Avare," Moliere's well-known comedy depicting human avarice in a comical vein, will be played on three nights, Wednesday, Thursday, and Saturday evenings, March 8th, 9th, and 11th, in the Music Room of East Duke Building with an 8:15 curtain time.

The presentation in French of a full-length play is an annual event of the Romance Language Department and the French Fraternity, Tau Psi Omega. The production is under the direction of Marie Therese Dow of the French Department, whose hand has guided this contribution to the campus for over twenty years. There is no admission charge and the public is extended a cordial invitation to attend one of the performances.

**FINAL EXAMINATION
FOR THE PH.D. DEGREE**

The final examination of Mr. Neil Russel Fletcher for the Ph.D. degree in Physics will take place on Thursday, March 9th, at 2:30 p.m. in Room 218 Physics Building. The title of Mr. Fletcher's dissertation is "Proton-Gamma Angular Correlations: The C¹² (d, p) Reaction." The examining committee will include Professors R. M. Williamson, Henry Newson, Eugene Grueling, Horst Meyer, and Seth Warner, with Professor Williamson presiding.

ECONOMIC SEMINAR

The Economic Seminar will meet at 3:30 p.m. on Thursday, March 9th, in Room 114 Social Science Building. Professor William J. Baumol of Princeton University will speak on "Economic Theory and Operations Research."

UNDERGRADUATE FACULTY COUNCIL

The Undergraduate Faculty Council will meet at 4:00 p.m. on Thursday, March 9th, in 208 Flowers Building.

**KAPPA DELTA PI PRESENTS
RUSSIAN FILM
"SCHOOLS DAYS"**

A Russian documentary film, "School Days," showing a Russian school in operation will be shown at 7:15 p.m., Thursday, March 9th, in Room 204D East Duke Building. This film is of an actual school, not acted or staged in any way. It was obtained for showing through the auspices of the Comparative Education Association and the Audio-Visual Education Center of the University of Michigan. Students in education, Russian and other contemporary history, and of the Russian language are especially invited. Kappa Delta Pi, education honorary, is the sponsor.

**LECTURE: ZEN-BUDDHISM
EPISCOPAL STUDENT CENTER**

The Reverend Herbert Sullivan of the Divinity School will deliver a lecture on Zen-Buddhism, the second in a series sponsored by the Faculty Committee of the Episcopal Student Center. The lecture will be given at the Center at 8:00 p.m. on Thursday, March 9th. The public is invited and refreshments will be served.

**STUDENT UNION
LAST LECTURE SERIES**

Dr. Glenn R. Negley, Professor of Philosophy, will be final speaker in this year's 'Last Lecture Series' sponsored by the Student Union's Educational Affairs Committee. The address will take place on Thursday, March 9th at 8:15 p.m. in the Union Ballroom. Dr. Negley, who has recently returned from sabbatical in Great Britain, follows Dr. Grover Smith and Dr. Thomas Langford in this year's series.

POLITICAL SCIENCE GRADUATE SEMINAR

Guest speaker for the Political Science Graduate Seminar to be held on Friday, March 10th, at 3:00 p.m. in Room 208 Flowers Building, will be Professor John A. Armstrong of the University of Wisconsin. Dr. Armstrong will speak on "Recent Crises of Russian Communism." All interested persons are invited to attend.

**STUDENT UNION PRESENTS
ARCHITECTURAL EXHIBIT**

A series of 50 photographs and eight architectural drawings are including in "The Concrete Shells of Felix Candela," an exhibit to be featured in the Alumni Lounge March 4th through March 15th.

The exhibit is another of a series of exhibits made available to the University Community by the Student Union. It traces the work Felix Candela, Mexico's foremost modern architect, from his early umbrella forms to his recent work with hyperbolic paraboloids for three new churches.

Recently shown at Yale, Columbia, M.I.T., and Harvard, this display should be of particular interest to persons with engineering and architectural interests.

INSTRUCTORS IN FOREIGN LANGUAGES

The United States Army Language School needs foreign language training instructors of the following languages: Thai, Vietnamese, Arabic, French, Persian, Portuguese, Romanian. These instructors must be native born speakers of the language to be taught. Interested foreign graduate students may get complete information about these positions by calling at the Appointments Office, 214 Page Building, between the hours of 9:00 a.m. and 5:00 p.m., Monday through Friday.

ARTISTS' SERIES CONCERT GEORGE LONDON, BASS-BARITONE

The fourth of the concerts in the 1960-61 Artists' Series will be presented by George London, leading baritone of the Metropolitan Opera Company. The curtain will rise at 8:15 p.m. on Friday, March 10th, in Page Auditorium for this performance. Tickets priced at \$2.50 and \$2.00 may be purchased or reserved in 202-A Flowers Building (extension 2911). The program will be as follows:

I.

Dank sei Dir, Herr (Interpolation to "Israel in Egypt")	<i>Handel</i>
Recit. & Aria of Julius Caesar: "Dall' ondosso periglio"	<i>Handel</i>

II.

An die Musik	
Der Lindenbaum	
Fischerweise	
Dem Unendlichen	<i>Schubert</i>

III.

Aria: Ella giammai m'amo, from "Don Carlo"	<i>Verdi</i>
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INTERMISSION

IV.

La Procession	<i>Franck</i>
Baysage	<i>Hahn</i>
Au Pays	<i>Holmès</i>
Automne	<i>Fauré</i>

V.

Folk Songs of the British Isles	
Down by the Sally Gardens (Irish)	<i>arr. Benjamin Britten</i>
Wi' a Hundred Pipers (Scottish)	<i>arr. Alec Templeton</i>
Molly Carr (English)	<i>arr. Franz Josef Haydn</i>
Lord Randal (Scottish)	<i>arr. Cyril Scott</i>
Alleluia (English)	<i>arr. G. O'Conner-Morris</i>

ADVANCE NOTICE ERASMUS CLUB ESSAY CONTEST

Undergraduates who plan to compete for the Erasmus Club Prize (\$25.00) should submit their essays to Miss Dorothy Roberts, Secretary, Department of English, 325 Allen Building, not later than April 15th.

THE ANNE FLEXNER MEMORIAL AWARD FOR CREATIVE WRITING

The Anne Flexner Memorial Award is given annually for the best piece of creative writing submitted by an undergraduate student at Duke University. It consists of fifty dollars in cash and a book allowance of \$25.00. The award last year went to Anne Tyler for Chapter II of a novel.

Conditions

1. The prize is open to all undergraduates, both men and women.
2. Only short stories (5000-word limit), one-act plays (5000-word limit), poems (100-line limit), and informal essays (3000-word limit) are eligible.
3. Only one manuscript may be submitted by any contestant.
4. All manuscripts must be typed double spaced and must be delivered to the English Office (325 Allen Building) by April 17. The author's name and address must appear nowhere except on a separate sheet placed before the manuscript.
5. At the judges' discretion, the prize may be split equally between a winning prose and a winning poetry entry.

ADVANCE NOTICE SIGMA XI LECTURE

The Sigma Xi Lecture will be held on Wednesday, March 15th, at 8:00 p.m. in the Physics Auditorium. The speaker will be Dr. W. Dwight Billings whose subject will be "Ecology of Arctic Plants." Dr. Billings is a physiological ecologist, who in recent years, has conducted field and laboratory studies on arctic and alpine plants in relation to climatic features.

ADVANCE NOTICE ENGLISH AND MODERN LANGUAGES DEPARTMENTS LECTURE

The Departments of English, Germanic Languages, Romance Languages, and Russian announce a lecture at 4:00 p.m. on Friday, March 17th, in Room 208 Flowers Building by Professor Buddhadeva Bose on "Modern Bengali Poetry." Professor Bose, who is the Chairman of the Department of Comparative Literature at Jadavpur University in Calcutta, is well known as the editor of a Bengali poetry journal, as editor of the Jadavpur Journal of Comparative Literature, and as the translator of Bandelaire's "Fleurs du mal."

WEEK OF
March 12-18, 1961

CALENDAR

WEEK OF
March 12-18, 1961

OF DUKE UNIVERSITY



Events of the Week

Sunday, March 12

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Sermon: "Beginning at Jerusalem." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Faculty Sonata Recital. Julia Mueller, violinist, and Alice Wilkinson, pianist. Music Room, East Duke Building.

Monday, March 13

4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Dr. Ernst Mayr.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Bowling for faculty and staff. Bowling Alleys in Ark on East Campus.

8:00 p.m. Special Biology Lecture. Room 113 Biology Building. Speaker: Sarah P. Gibbs.

Tuesday, March 14

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. John Carlton.

3:00-5:00 p.m. Campus Club Tea and Decorators' Show. University House, 2138 Myrtle Drive.

4:00 p.m. Mathematics Seminar. Room 135 Physics Building. Speaker: Mr. Neill McShane.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. French Table and Spanish Table. East Campus Union Building.

7:30 p.m. Civil Engineering Meeting. Engineering Auditorium.

8:00 p.m. Special Biology Lecture. Room 113 Biology Building. Speaker: Sarah P. Gibbs.

8:15 p.m. Modern Dance Club Spring Concert. Woman's College Auditorium.

Wednesday, March 15

9:00 a.m. N. C. Junior Science Symposium. Page Auditorium. Speaker: Dr. R. M. Williamson.

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. John Carlton.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 11:00 a.m. Divinity School Assembly. York Chapel. Speaker: The Reverend C. L. Spottswood, Jr.
- 12:30 p.m. Phi Beta Kappa Fraternal Luncheon. East Campus Union.
- 4:00 p.m. Public Lecture: Dr. Frank Baker. Music Room, East Duke Building.
- 4:15 p.m. Botany Seminar. Room 113 Biology Building. Speaker: Dr. Hugo L. Blomquist.
- 4:30 p.m. Joint Duke-U.N.C. Physics Colloquium. Philips Hall, U.N.C.
- 4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 p.m. Engineer in Training Lecture. Engineering Auditorium. Speaker: Mr. F. T. Wooten.
- 7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Battle of the Sexes" (British) with Peter Sellers, Robert Morley, and Constance Cummings. Based on James Thurber's "The Catbird Seat," this film "skillfully enacts a comedy about the introduction of modern American methods into a staid firm in Edinburgh."—New Yorker. "A maximum of wit"—N. Y. Times. Note: Will not be shown Saturday due to Duke Players performance.
- 8:00 p.m. Sigma Xi Lecture. Professor W. Dwight Billings. Physics Auditorium.
- 8:15 p.m. Modern Dance Club Spring Concert. Woman's College Auditorium.

Thursday, March 16

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Lloyd Bailey.
- 11:30 a.m. Civil Engineering Seminar. Room 120 Engineering Building. Speaker: Mr. Paul Harrawood.
- 1:00 p.m. Lenten Noonday Service. University Chapel. Speaker: Dr. Creighton Lacy, Associate Professor of Missions and Social Ethics.
- 4:00 p.m. Mathematics Seminar. Room 135 Physics Building. Speaker: Mr. William Hare.
- 4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.
- 5:00 p.m. Faculty volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

- 8:00 p.m. Newcomers Club Meeting. At the home of Mrs. Richard Leach, 1419 Dollar Avenue.
- 8:00 p.m. N. C. Junior Science Symposium: "Curbstone Clinic." Woman's College Auditorium.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Public Lecture: Dr. Frank Baker. Room 208 Flowers Building.
- 8:15 p.m. International Debate. Music Room, East Duke Building.

Friday, March 17

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Gerald Wilson.
- 12:15 p.m. Angier B. Duke Scholarship Contestants Luncheon. East Campus Union.
- 12:30 p.m. Muslim Student Fellowship. Room 207 Flowers Building.
- 2:00-10:00 p.m. 29th Annual Engineers Show. Engineering Building.
- 4:00 p.m. English and Modern Languages Departments Lecture. Room 208 Flowers Building. Speaker: Professor Buddhadeva Bose.
- 4:00 p.m. Chemistry Staff Seminar. Room 01 Chemistry Building. Speaker: Professor Charles C. Price.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.
- 6:00 p.m. Angier B. Duke Finalists Dinner. Union Ballroom.
- 8:15 p.m. Duke Players Performance: "St. Joan." Page Auditorium.

Saturday, March 18

- 10:30-12:15 p.m. Student Union Open House for Angier B. Duke Finalists. Flowers Building.
- 12:30 p.m. Angier B. Duke Finalists Luncheon. Union Ballroom.
- 2:00-10:00 p.m. 29th Annual Engineers Show. Engineering Building.
- 2:00 p.m. Duke Players (Matinee): "St. Joan." Page Auditorium.
- 8:15 p.m. Chamber Arts Society: String Quartet of the University of North Carolina. Music Room, East Duke Building.
- 8:15 p.m. Duke Players Performance: "St. Joan." Page Auditorium.

UNIVERSITY SERVICE OF WORSHIP

The regular Sunday morning worship service will be held in the University Chapel at 11:00 on March 12th. The sermon entitled "Beginning at Jerusalem" will be delivered by the Reverend Howard C. Wilkin-son, Chaplain to the University. The Reverend Robert P. Hyatt will be presiding minister.

DENOMINATIONAL ANNOUNCEMENTS

Baptist Student Union: Sunday—9:15 a.m., Sunday School at First, Grey Stone, Temple, and Watts St. Baptist Churches. 6:30 p.m., Training Union at above churches. 8:30 p.m., Open House at Chaplain's home, 2526 Chapel Hill Road. **Wednesday**—6:30 p.m., Vesper Service, East Duke Chapel. **Saturday**—Spring Retreat, Presbyterian Point Camp, Towns-ville, N. C. Subject: "Christ and Culture." Leader, Dr. Sam Hill, of the U. of N. C.

Episcopal Student Fellowship: Sunday—9:30 a.m., Holy Communion, followed by breakfast. 6:30 p.m., Evensong, followed by supper-discussion. Rides will be furnished from East Campus Circle and from Hanes House. During Lent, Evensong is sung each day at 5:30 p.m. except on Saturdays. Holy Com-munion is celebrated each Wednesday at 7:10 a.m. and 5:30 p.m.

Lutheran Student Association: Sunday—9:45 a.m., Sunday School at local churches. 6:30 p.m., Brief worship at 208 Flowers Bldg. Rides from Hanes House and East Campus Circle. **Wednesday**—7:15 a.m. and 8:00 a.m., Holy Communion in Memorial Evensong, followed by supper-discussion. Rides will Chapel of Duke Chapel. Rides from Hanes House and East Campus Circle.

Methodist Student Fellowship: Sunday—9:30 a.m., Seminars. 6:30 p.m., Worship. Chaplain Arthur L. Brandenburg, speaker. **Wednesday**—6:00 p.m., Holy Communion. The annual seminar trip to New York City, sponsored by the Methodist Student Fel-lowship, entitled "Urban Culture and the Christian Faith," will be held March 26-28. There is still room for a limited number of male applicants. Those in-terested should phone the Center: 286-9230.

Westminster Student Fellowship: Sunday—9:30 a.m., Sunday School, 2127 Myrtle Drive. 6:15 p.m., W. F., The Ark. Speaker: Mr. Alonzo Squires. Topic: "The Mormons." **Wednesday**—6:00 p.m., West-minster Fellowship Supper Club, East Campus Union.

SPECIAL BIOLOGY LECTURES

Two lectures in the series on **Light Effects on Plants**, "Fine Structure of Chloroplasts" and "Pro-blems of Chloroplast Development," will be given on Monday and Tuesday, March 13th and 14th, at 8:00 p.m. in Room 113 Biology Building, West Campus. Sarah P. Gibbs, Biological Laboratories, Harvard University, Cambridge, Massachusetts, will be the speaker.

FACULTY SONATA RECITAL

The Department of Music will present a sonata recital by Julia Mueller, violinist, and Alice Wilkin-son, pianist, on Sunday, March 12th, at 4:00 p.m. in the Music Room of East Duke Building. This pro-gram is the fifth in a series of faculty recitals during the current year. The public is cordially invited to attend and the program will be as follows:

Sonata in E major	Bach
Adagio	
Allegro	
Adagio ma non tanto	
Allegro	
Sonata in D, Opus 11, No. 2	Hindemith
Lebhaft	
Ruwig und gemessen	
Im Zeitmass und Charakter	
eines geschwinden Tanzes	

INTERMISSION

Duo Sonata in A major, Opus 162	Schubert
Allegro moderato	
Scherzo	
Andantino	
Allegro vivace	

CAMPUS CLUB TEA AND DECORATORS' SHOW

The Campus Club will feature an Interior Deco-rators' Show at its tea on Tuesday afternoon from 3:00 to 5:00 p.m. at University House, 2138 Myrtle Drive. Mrs. Deryl Hart and Mrs. E. P. Alyea have arranged for showings from Harvey Gunter Associ-ates, Claude M. May, D. C. May, Betsy Graves Powell, and Style Craft Interiors, all from Durham, and from Pace and Whitehall, of Chapel Hill.

Hostesses for the event are the wives of the faculty of the Department of Religion and the Divinity School. Mrs. Robert E. Cushman is serving as chair-man, with Mrs. H. Shelton Smith in charge of hospitality, Mrs. James Cleland in charge of decora-tion, and Mrs. Robert Osborn in charge of refresh-ments.

MATHEMATICS SEMINAR

The Mathematics Seminar with Mr. Neill McShane of Yale University as speaker will be held on Tues-day, March 14th, at 4:00 p.m. in Room 135 Physics Building. Coffee will be served at 3:30 p.m. in Room 132.

CIVIL ENGINEERING MEETING

The Duke Student Chapter of American Society of Civil Engineers will meet on Tuesday, March 14th, at 7:30 p.m. in the Engineering Auditorium.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly sem-inar on Monday, March 13th in Room 113 Biology Building at 4:15 p.m. Dr. Ernst Mayr, Agassiz Pro-fessor of Zoology, Museum of Comparative Zoology, Cambridge, Massachusetts, will speak on "Evolution of Adaption." Coffee and tea will be served in Room 113 at 4:00 p.m. preceding the seminar.

ENGINEER IN TRAINING LECTURE

The third in the series of Engineer in Training Exam Review Lectures will be held in the Engineering Auditorium on Wednesday, March 15th, at 7:00 p.m. Sponsored by Pi Tau Sigma, Mechanical Engineering Honorary Fraternity, the lecture will be delivered by Mr. F. T. Wooten whose topic is to be "Electric Circuits." All interested persons are cordially invited to attend.

SIGMA XI LECTURE

Sigma Xi will meet on Wednesday, March 15th, at 8:00 p.m. in the Physics Auditorium to hear Professor W. Dwight Billings speak on the "Ecology of Arctic Plants." Dr. Billings is a physiological ecologist who, in recent years, has conducted field and laboratory studies on arctic and alpine plants in relation to climatic features. He and his students have carried on extensive field work in the northern Rocky Mountains, Alaska and New Zealand. They have also simulated arctic temperatures, light intensity and photoperiods in growth chambers on the Duke Campus. In field and laboratory studies, they have measured plant growth and plant productivity. Using transplants and seedlings of arctic plants in the growth chambers, they are able to measure environmental tolerance and to separate ecological races within a given species.

INTERNATIONAL DEBATE

An International Debate will be held on Thursday, March 16th at 8:15 p.m. in the Music Room of the East Duke Building. The participants will be the New Zealand Debate Team composed of James Hugh Cassidy Larsen and Hector Charles MacNeill, both law graduates of Victoria University, Wellington, and, representing Duke, Carl Stewart, third year law student, and Fred LeClerq, first year law student in Duke Law School. The question for debate will be "That the Communist Chinese Should Be Recognized Forthwith."

The New Zealand team is touring this country under the auspices of the Institute of International Education. The debate here is sponsored by the Student Union Educational Affairs Committee with the cooperation of the Duke Debate Council. There will be no admission charged, and a cordial invitation is extended to the general public to hear this debate.

CIVIL ENGINEERING SEMINAR

The Civil Engineering Seminar will be held at 11:30 a.m., Thursday, March 16th, in Room 120 Engineering Building. Mr. Paul Harrawood, Assistant Professor, Department of Civil Engineering, will talk on "Froude Number and Ratio of Weir Crest Depth to Critical Depth as Parameters of Weir Discharge."

Before assuming his duties here, Dr. Harrawood received his Master's degree from the School of Mining and Metallurgy, Missouri, in 1956. He is in charge of hydraulics laboratory of the Department of Civil Engineering. All interested persons are invited to attend.

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Thursday, March 16th, at 4:00 p.m. in Room 135 Physics Building. Mr. William Hare of the University of Florida will speak on the subject "Projective Convexity." Coffee at 3:30 p.m. in Room 132.

NEWCOMERS CLUB MEETING

The Duke Newcomers Club will meet for a social at the home of Mrs. Richard Leach, 1419 Dollar Avenue on Thursday evening, March 16th, from eight until nine-thirty. A cordial invitation is extended to all members.

ANGIER B. DUKE FINALISTS MEETING

The Fourteenth Annual Finalists Meeting for the Angier B. Duke Memorial Scholarships available to students from North and South Carolina is being held on the campus on Friday and Saturday, March 17th and 18th. Contestants for the Scholarships from the Virginia, Maryland, and the District of Columbia Regions, will also be in attendance for this week-end.

The contestants will take part in a program of tests and interviews to determine the Scholarship winners. In addition to the program of selection, the contestants and their Duke student sponsors will be entertained at a luncheon and a dinner given in their honor.

The program is as follows:

Friday, March 17th,

12:15 p.m. Contestants Luncheon. Private Dining Room, 2nd floor, Union Building, East Campus.

2:00-5:00 p.m. Tests. Lecture Room 204-A East Duke Building.

6:00 p.m. Contestants Dinner. Union Ballroom, West Campus.

8:15 p.m. Duke Players in "St. Joan." Page Auditorium.

Saturday, March 18th,

8:30 a.m. Interviews. Finalists report to Green Room, East Duke Building.

10:30 a.m.-

12:15 p.m. Student Union Open House and Concert by Combo from the Duke Ambassadors. Room 208 Flowers Building.

12:30 p.m. Luncheon. Union Ballroom.

29TH ANNUAL ENGINEERS SHOW

The College of Engineering will hold its 29th Annual Engineers Show on Friday and Saturday, March 17th and 18th, from 2:00 p.m. until 10:00 p.m. in the Engineering Building. The theme, "Engineering—A Career of Opportunity—1961," will be developed through educational and entertaining displays showing various aspects of Engineering today and in the future and how they affect our daily lives.

A cordial invitation is extended to the public to view the exhibits. No admission fee will be charged.

MODERN DANCE CLUB PRESENTS SPRING CONCERT

The Modern Dance Club will present its Spring Concert on Tuesday and Wednesday, March 14th and 15th, at 8:15 p.m. in Woman's College Auditorium. The program in two parts will be:

- I. "Folk Dance."
 - A vigorous dance to music of Hebrew Folk Songs.
 - "Diselasure"
 - A duet depicting a feminine conversation.
 - "Jazz Trio"
 - A lively dance to the music of "Cozy Cole."
 - "Perserphone Revisited"
 - A ballet farce on the Greek legend of Perserphone.
 - "Truckin' Around"
 - A jazz dance in round form.
- II. Spiritual medley
 - A series of three dances to music from Robert Shaw's "Deep River" album.
 - "Images"
 - A psychological interpretation with a large mirror frame as a prop.
 - "Wonder Tree:"
 - "Youth is a young wonder-tree plant grown out of ruin."

Mrs. Julia Wray is the sponsor of the club, whose members, Julie Sutherland, president, Joann White, Gay Clair, Barbara Figge, Jeanne Thompson, Ann Goddin, and Marilyn Lewis, choreographed the entire program. Others participating are Mary Cartwright on the recorder, Neiland Pennington on sound, and Jim Lee on lights. The public is welcomed; no admission will be charged.

NORTH CAROLINA JUNIOR SCIENCE SYMPOSIUM

The North Carolina Junior Science Symposium of 1961 will be staged on March 15th to 17th on the campuses of Duke University, University of North Carolina, and North Carolina State College. Conferencees will comprise approximately 180 selected North Carolina high school students and 45 science teachers, representing schools throughout the state. The students will be drawn from the sophomore and junior classes.

The forthcoming Symposium will be the third of its type to be held in North Carolina. Sponsors of the 1961 symposium are the North Carolina Academy of Science and the Army Research Office—Durham. Representatives of the three universities have served on the executive committee, and the North Carolina State Department of Public Instruction is providing science programming assistance.

The first session to be held on the Duke campus will take place on Wednesday, March 15th, at 9:00 a.m. in Page Auditorium. The key address of the morning will be delivered by Dr. R. M. Williamson, Associate Professor of Physics, Duke University. On Thursday, March 16th, a "Curbstone Clinic" will be the program at 8:00 p.m. in the Woman's College Auditorium.

DIVINITY SCHOOL ASSEMBLY

The Reverend C. L. Spottswood, Jr., known as "The Flying Parson of the Philippines" because he

was one of the first missionary aviators of the Methodist Church, will speak at the Divinity School Assembly in York Chapel on Wednesday, March 15th, at 11:00 a.m. His topic will be "Wings Over Mindanao" (the southern Muslim island of the Philippines). A native of Alabama, a graduate of Mississippi State College and Yale Divinity School, Mr. Spottswood served as director of the Wesley Foundation at the University of Florida before becoming a missionary in 1946.

PHI BETA KAPPA FRATERNAL LUNCHEON

The first Phi Beta Kappa Luncheon of the year will be held Wednesday, March 15th, in the East Campus Union at 12:30 p.m. Members will go through the cafeteria line and then proceed upstairs to the Ballroom. There will be no set program. All student and faculty members are cordially invited to attend. The charge will be \$.75 for all those who do not eat regularly in this Union.

PUBLIC LECTURES BY DR. FRANK BAKER

The Department of Religion is sponsoring two public lectures by Dr. Frank Baker, now a member of the Department. Dr. Baker has come to the Duke faculty this year from England and is one of the outstanding Wesley Scholars. He has written a number of books on the Wesleyan tradition and is now preparing a definitive edition of John Wesley's works. The topics of Dr. Baker's lectures will be "Charles Wesley: A Poet in Love" and "John Wesley's Domestic Scourge." The first lecture will be held at 4:00 p.m. in the Music Room, East Dnke Bnilding, Wednesday, March 15th. The second lecture will be held at 8:15 p.m. in Room 208 Flowers Building, Thursday, March 16th. The public is invited to both of these lectures.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, March 15th, at 4:15 p.m. in Room 113 Biology Building, West Campus. Dr. Hugo L. Blomquist, Professor Emeritus, will speak on "Peat Mosses." Tea and coffee will be served at 4:00 p.m.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The Joint Duke-U.N.C. Physics Colloquium will meet Wednesday, March 15th, at 4:30 p.m. in Philips Hall, University of North Carolina, Chapel Hill, N. C.

The speaker, Dr. Hartmut Kallmann of New York University, will discuss "New Aspects of Conductivity in Solids."

ENGLISH AND MODERN LANGUAGES DEPARTMENTS LECTURE

The Departments of English, Germanic Languages, Romance Languages, and Russian announce a lecture at 4:00 p.m. on Friday, March 17th, in Room 208 Flowers Building by Professor Buddhadeva Bose on "Modern Bengali Poetry." Professor Bose, who is the Chairman of the Department of Comparative Literature at Jadavpur University in Calcutta, is well-known as the editor of a Bengali poetry journal, as editor of the Jadavpur Journal of Comparative Literature, and as the translator of Baudelaire's "Fleurs du mal."

CHEMISTRY STAFF SEMINAR

Professor Charles C. Price, Chairman of the Chemistry Department at the University of Pennsylvania will speak at the Chemistry Staff Seminar on Friday, March 17th, at 4:00 p.m. in Room 01 of the Chemistry Building. The subject of Professor Price's address will be "Polyethers." All interested persons are invited.

DUKE PLAYERS PRESENT SHAW'S "ST. JOAN"

The Duke Players will present George Bernard Shaw's "Saint Joan" on Friday and Saturday, March 17th and 18th, in Page Auditorium. Still the most appealing of all the plays telling the story of Joan of Arc, this performance is under the able direction of Victor Michalak, associate director of Duke Players, who also designed the set.

Evening performances on Friday and Saturday will be at 8:15, and there will be a matinee on Saturday at 2:00 p.m. Reservations for all performances (including the matinee) may be made by calling the Page Auditorium box office, Ext. 2911, any afternoon from 2:00 until 5:00, Monday through Thursday. On Friday the box office will open at 2:00 p.m. and will remain open until performance time. On Saturday the box office will open at 1:00 p.m. and will remain open until the evening performance. Admission for the evening performances will be \$1.25; for the matinee, \$1.00; or season tickets may be used.

CHAMBER ARTS SOCIETY STRING QUARTET OF THE UNIVERSITY OF NORTH CAROLINA

The Chamber Arts Society announces the sixth concert of its season, to be played by the String Quartet of the University of North Carolina, Saturday, March 18th, in the Music Room, East Duke Building, at 8:15 p.m. The musicians are Edgar Alden and Jean Heard (Violins), Dorothy Alden

(Viola), and Mary Gray Clarke (Cello). The program follows:

Quartet in A major, Opus 32, No. 4

Boccherini

Quartet in B-flat major, Opus 67

Brahms

Quartet No. 1, Opus 7 (1908)

Bartok

Admission will be by Chamber Arts Society Membership Card, or by Guest Card. Guest Card for single admission will cost \$2.50. About 60 Guest Cards will be available; they may be obtained at the door from 7:30 to 8:00 p.m. the evening of the performance. The Chamber Arts Society is a non-profit organization; membership is open to all persons. For information address Chamber Arts Society, c/o Ernest W. Nelson, Box 6065 College Station, Durham, N. C.

ADVANCE NOTICE

MERCE CUNNINGHAM AND DANCE COMPANY

The second of the Student Union's Young Artists Series will be the appearance of Merce Cunningham and Dance Company on Monday, March 20th, at 8:15 p.m. in Page Auditorium. The concert is open to the public without charge.

Mr. Cunningham is the leading figure in the so-called *avant garde* movement in the contemporary dance. Time Magazine described him as "the most daring experimenter in the field." The company has toured extensively in the United States and recently was invited to appear at the International Festival of Contemporary Music in Venice and at the West Berlin Festival.

The group will be accompanied by David Tudor and John Cage, pianist-composers, both of whom are indispensable to the musical *avant garde*.

ADVANCE NOTICE

FACULTY CLUB MEETING

The March meeting of the Duke University Faculty Club will be held Tuesday, March 21st, at 8:15 p.m. in University House, 2138 Myrtle Drive. The speaker will be the new Vice-President for Institutional Advancement, Dr. Everett H. Hopkins. Dr. Hopkins will be making a special trip to the campus for this occasion, and it will be his first appearance before the faculty.

ADVANCE NOTICE

MEN'S GLEE CLUB

75TH ANNIVERSARY CONCERT

Celebrating its 75th Anniversary the Men's Glee Club will present a concert on Thursday, March 23rd, at 8:15 p.m. in Page Auditorium. The group is under the leadership of Professor Paul Young, conductor and director of choral activities and William E. Waters, assistant conductor and pianist. Tickets, priced at one dollar each, may be secured at the door. The program will be carried in next week's bulletin.

THE ANNE FLEXNER MEMORIAL AWARD FOR CREATIVE WRITING

The Anne Flexner Memorial Award is given annually for the best piece of creative writing submitted by an undergraduate student at Duke University. It consists of fifty dollars in cash and a book allowance of \$25.00. The award last year went to Anne Tyler for Chapter II of a novel.

Conditions

1. The prize is open to all undergraduates, both men and women.
2. Only short stories (5000-word limit), one-act plays (5000-word limit), poems (100-line limit), and informal essays (3000-word limit) are eligible.
3. Only one manuscript may be submitted by any contestant.
4. All manuscripts must be typed double spaced and must be delivered to the English Office (325 Allen Building) by April 17. The author's name and address must appear nowhere except on a separate sheet placed before the manuscript.
5. At the judges' discretion, the prize may be split equally between a winning prose and a winning poetry entry.

STUDENT UNION PRESENTS ARCHITECTURAL EXHIBIT

A series of 50 photographs and eight architectural drawings are included in "The Concrete Shells of Felix Candela," an exhibit to be featured in the Alumni Lounge March 4th through March 15th.

The exhibit is another of a series of exhibits made available to the University Community by the Student Union. It traces the work Felix Candela, Mexico's foremost modern architect, from his early umbrella forms to his recent work with hyperbolic paraboloids for three new churches.

Recently shown at Yale, Columbia, M.I.T., and Harvard, this display should be of particular interest to persons with engineering and architectural interests.

FRENCH AND SPANISH EXAMINATION

The French and Spanish Examinations for candidates for graduate degrees will be given Friday, April 14th, in Rooms 113-114 Physics Building, at 4:00 p.m. Candidates register in the Graduate School Office for these examinations not later than Friday, March 31st.

ERASMUS CLUB ESSAY CONTEST

Undergraduates who plan to compete for the Erasmus Club Prize (\$25.00) should submit their essays to Miss Dorothy Roberts, Secretary, Department of English, 325 Allen Building, not later than April 15th.

UNIVERSITY OFFICIAL EXAMINATION SCHEDULE

Spring Semester, 1961

ANY STUDENT HAVING A SCHEDULE OF THREE EXAMS WITHIN TWENTY-FOUR HOURS OR TWO EXAMS AT THE SAME TIME MUST REPORT TO THE DEANS' OFFICE NOT LATER THAN APRIL 22 TO REQUEST A CHANGE IN SCHEDULE.

Thursday May 18	7:00 p.m.	PHYSICAL EDUCATION
Friday May 19	Undergraduate Reading Period	
Saturday May 20	9:00-12:00 a.m. 2:00- 5:00 p.m.	TTS, FOURTH PERIOD English 1, 2
Monday May 22	9:00-12:00 a.m. 2:00- 5:00 p.m.	TTS, THIRD PERIOD All Languages 1, 2 & Engineering 2.1-2.4
Tuesday May 23	9:00-12:00 a.m. 2:00- 5:00 p.m. 7:00-10:00 p.m.	TTS, SECOND PERIOD Chemistry 2 Philosophy 48, 49
Wednesday May 24	9:00-12:00 a.m. 2:00- 5:00 p.m. 7:00-10:00 p.m.	TTS, FIRST PERIOD Physics 2, 42 Botany 2
Thursday May 25	9:00-12:00 a.m. 2:00- 5:00 p.m. 7:00-10:00 p.m.	MWF, FOURTH PERIOD Mathematics 21, 53 Economics 58
Friday May 26	9:00-12:00 a.m. 2:00- 5:00 p.m. 7:00-10:00 p.m.	MWF, THIRD PERIOD History 2, E2, 2X Air Science
Saturday May 27	9:00-12:00 a.m. 2:00- 5:00 p.m.	MWF, SECOND PERIOD TTS, SIXTH PERIOD
Monday May 29	9:00-12:00 a.m. 2:00- 5:00 p.m.	MWF, FIRST PERIOD (Zool. 2) French 64 & Spanish 64 & Engineering 2.5-2.8
Tuesday May 30	9:00-12:00 a.m. 2:00- 5:00 p.m. 7:00-10:00 p.m.	MWF, SIXTH PERIOD Religion 2 Mathematics 22
Wednesday May 31	9:00-12:00 a.m. 2:00- 5:00 p.m.	MWF, FIFTH PERIOD & Naval Science Political Science 11, 12, 62

ENGINEERING COURSES, OTHER THAN ENGINEERING 2, WILL MEET FOR EXAMINATION AT THE REGULAR CLASS PERIODS.

Chemistry (except Chemistry 2) and Zoology Classes meet for examination at the time scheduled for their general lecture period. ANY EXAMINATION NOT COVERED IN THE FOREGOING SCHEDULE IS TO BE ARRANGED BY THE INSTRUCTOR IN CHARGE OF THE COURSE IN THE PERIOD BEGINNING May 20, 9:00 a.m., AND ENDING May 31, 5:00 p.m. NO EXAMINATION IS TO BE GIVEN BEFORE 9:00 a.m., May 20, WITH THE EXCEPTION OF PHYSICAL EDUCATION. NO CHANGE IS TO BE MADE IN ANY SCHEDULED EXAMINATION WITHOUT THE APPROVAL OF THE COMMITTEE.

UNIVERSITY SCHEDULE COMMITTEE

WEEK OF
March 19-25, 1961

CALENDAR

WEEK OF
March 19-25, 1961

OF

DUKE UNIVERSITY



Events of the Week

Sunday, March 19

- 10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.
- 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Dr. W. Arthur Kale, Professor of Christian Education. Sermon: "Journey into Self." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, March 20

- 3:00 p.m. Master Class: Merce Cunningham. Ark, East Campus.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 6:00 p.m. Trinity College Historical Society. S & W Cafeteria. Speaker: Professor Donald Gilin.
- 7:00 p.m. Bowling for faculty and staff. Bowling Alleys in Ark on East Campus.
- 8:00 p.m. Special Biology Lecture. Room 113 Biology Building. Speaker: Dr. Roderick K. Clayton.
- 8:15 p.m. S. U. Young Artists' Series: Merce Cunningham and Dance Company. Page Auditorium.

Tuesday, March 21

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Sid Stafford.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:30 p.m. French Table and Spanish Table. East Campus Union Building.
- 8:00 p.m. Special Biology Lecture. Room 113 Biology Building. Speaker: Dr. Roderick K. Clayton.
- 8:15 p.m. Faculty Club Meeting. University House, 2138 Myrtle Drive. Speaker: Dr. Everett H. Hopkins.
- 8:15 p.m. Law School Panel Discussion: "Federal Medical Care Legislation: Pros and Cons." Union Ballroom.
- 8:15 p.m. Durham Civic Choral Society presents Mendelssohn's "Saint Paul." Woman's College Auditorium.

Wednesday, March 22

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Charles Clapp.
- 11:00 a.m. Divinity School Assembly Lecture. York Chapel. Speaker: Bishop Odd Hagen.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

4:15 p.m. Botany Semiuar. Room 113 Biology Building. Speaker: Professor Choon Min Kim.

4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:00 p.m. Engineer in Training Lecture. Engineering Auditorium. Speaker: Dr. Otto Meier, Jr.

7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Battle of the Sexes" (British) with Peter Sellers, Robert Morey, and Coustance Cummings. Based on James Thurber's "The Catbird Seat," this film "skillfully eucats a comedy about the introduction of modern American methods into a staid firm in Edinburgh."—New Yorker. "A maximum of wit"—N. Y. Times.

8:30 p.m. Graduate English Club. Room 208 Flowers Building. Speaker: Professor B. I. Duffey.

Thursday, March 23

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Egil Grislis.

1:00 p.m. Lenten Noon-day Service. University Chapel. Speaker: Dr. Frederick Herzog.

4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

8:15 p.m. Men's Glee Club 75th Anniversary Concert. Page Auditorium.

Friday, March 24

10:10 a.m. Divinity School Chapel. York Chapel. Holy Communion. Dr. Egil Grislis presiding.

12:30 p.m. Muslim Student Association. Room 207 Flowers Building.

4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Dr. Howard A. Schneiderman.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty

daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.

Saturday, March 25

Southern Tour of Men's Glee Club: March 25-April 3.

12:30 p.m. Spring recess begins.

UNIVERSITY SERVICE OF WORSHIP

On Sunday, March 19th, at 11:00 a.m. the University Service of Worship will be held in the University Chapel. The Reverend Dr. W. Arthur Kale, Professor of Christian Education, will deliver the morning sermon entitled "Journey into Self."

TRINITY COLLEGE HISTORICAL SOCIETY

Professor Donald Gillin will be the speaker at the meeting of the Trinity College Historical Society to be held at 6:00 p.m. on Monday, March 20th, at the S&W Cafeteria. Professor Gillin's topic will be "Education and Militarism in Modern China." Members and friends of the Trinity College Historical Society are heartily invited to attend this timely and vital lecture. The meeting will begin with dinner to be chosen from the S&W's regular line.

SPECIAL BIOLOGY LECTURES

Two lectures in the series on Light Effects on Plants will be held at 8:00 p.m. in Room 113 Biology Building, West Campus, on Monday, March 20th, and Tuesday, March 21st. Dr. Roderick K. Clayton, Senior Biophysist, Biology Division, Oak Ridge National Laboratory, will be the speaker on both occasions. His topic on Monday will be "Changing Perspectives in Photosynthesis" and on Tuesday, "Solid-State Phenomena in the Photosynthetic Apparatus."

DIVINITY SCHOOL ASSEMBLY LECTURE

Bishop Odd Hagen, Resident Bishop of the Northern Europe area of the Methodist Church, will be heard in a public lecture on Wednesday, March 22nd, at 11:00 in York Chapel. Bishop Hagen will speak on "The Ministry of the Church."

A native of Norway, Bishop Hagen is a graduate of the Scandinavian Methodist Seminary at Gothenburg and has served as pastor for many years in Norwegian churches and as Dean of his alma mater. He was awarded the King's Medal of Honor by Haakon VII for unselfish service to his country during the German occupation. Bishop Hagen is a distinguished author and lecturer and the Duke Community welcomes him again to the campus.

ERASMUS CLUB ESSAY CONTEST

Undergraduates who plan to compete for the Erasmus Club Prize (\$25.00) should submit their essays to Miss Dorothy Roberts, Secretary, Department of English, 325 Allen Building, not later than April 15th.

MERCE CUNNINGHAM AND DANCE COMPANY

The second of the Student Union's **Young Artists' Series** will be the appearance of Merce Cunningham and Dance Company on Monday, March 20th, at 8:15 p.m. in Page Auditorium. The concert is open to the public without charge.

Mr. Cunningham is the leading figure in the so-called **avant garde** movement in the contemporary dance. Time Magazine described him as "the most daring experimenter in the field." The company has toured extensively in the United States and recently was invited to appear at the International Festival of Contemporary Music in Venice and at the West Berlin Festival.

The group will be accompanied by David Tudor and John Cage, pianist-composers, both of whom are indispensable to the musical **avant garde**.

The program follows:

SUITE FOR FIVE

JOHN CAGE

The events and sounds of this dance revolve around a quiet center, which, though silent and unmoving, is the source from which they happen.

solo: at random
solo: a meander
trio: transition
solo: stillness
duet: extended moment
quintet: meetings

INTERMISSION

CRISES

CONLON NANCARROW

(rhythm studies No. 1, No. 2, No. 4, No. 7, and No. 6 for player piano)

INTERMISSION

ANTIC MEET

JOHN CAGE

"let me tell you that the absurd is only too necessary on earth."—Ivan Karamazov

opener
room for two
mockgame
sports and diversions No. 1
sports and diversions No. 2
social
bacchus and cohorts
sports and diversions No. 3
a single
exodus

Mr. Cunningham will hold a Master Class at 3:00 p.m. in the Ark on the same day as the concert. Interested participants and spectators are extended a cordial welcome.

FACULTY CLUB MEETING

The March meeting of the Duke University Faculty Club will be held on Tuesday, March 21st, at 8:15 p.m. in University House, 2138 Myrtle Drive. The speaker will be the new Vice-President for Institutional Advancement, Dr. Everett H. Hopkins. Dr. Hopkins will speak on "Some Principles and Philosophies of Institutional Advancement."

LAW SCHOOL PANEL DISCUSSION

The Law School student Bar Association and the undergraduate Pre-Medical Society are sponsoring a panel discussion entitled "Federal Medical Care Legislation: Pros and Cons." The panel will consist of James C. O'Brien, Director of Older and Retired Worker Committee of the United Steel Workers of America and member of the National Committee on the Aging; William J. McAuliffe, Jr., member of American Medical Association National Headquarters Staff in Chicago; Dr. Horace Hamilton, member of the Department of Rural Sociology at North Carolina State, who has just completed a study of health and health services; and Dr. Amos Johnson, President of the Medical Society of North Carolina. Moderator will be Professor F. Hodge O'Neal, of the Law School.

It is anticipated that discussion will focus on the varying approaches to the problem of Federal medical care for the aging as expressed in the several legislative proposals now being advanced. Of these proposals the most controversial is the social security plan advocated by the present Administration in Washington. The program will be held at 8:00 p.m. on Tuesday, March 21st, in the Union Ballroom.

DURHAM CIVIC CHORAL SOCIETY PRESENTS MENDELSSOHN'S SAINT PAUL

On Tuesday, March 21st, at 8:15 p.m. in the Woman's College Auditorium, the Durham Civic Choral Society together with the Raleigh Oratorio Society (a combined group of over 100 voices) will perform Felix Mendelssohn's oratorio, **Saint Paul**. A full orchestra comprised of musicians from the Triangle area will accompany the group and the entire performance will be under the baton of Professor Paul R. Bryan. Admission is free and the public is cordially invited.

Prior to the Durham performance, the same group will present the work in Raleigh on Monday, March 20th, at Daniels Junior High School at 8:15 p.m. This will be the premier North Carolina performance of **Saint Paul**, which is less frequently heard than the more familiar Mendelssohn oratorio, **Elijah**. Edwin Blanchard of Meredith College's music department will conduct this performance.

Soloists for both presentations will be Leslie Holmes, soprano; Marilyn Rash, alto; John Hanks, tenor; and Byung K. Kwon, bass.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, March 22nd, at 4:15 p.m. in Room 113 Biology Building, West Campus. Professor Choon Min Kim, Department of Botany, Seoul National University, Korea, will speak on "Effect of Saline and Alkaline Salts on the Components of Selected Vegetable Plants." Tea and coffee will be served at 4:00 p.m.

ENGINEER IN TRAINING LECTURE

The fourth in the series of Engineer in Training Exam Review Lectures will be held in the Engineering Auditorium on Wednesday, March 22nd, at 7:00 p.m. Sponsored by Pi Tau Sigma, Mechanical Engineering Honorary Fraternity, the lecture will be delivered by Dr. Otto Meier, Jr., whose topic is to be "Electric Machinery." All interested persons are cordially invited to attend.

GRADUATE ENGLISH CLUB LECTURE

Professor Bernard I. Duffey, visiting professor from Michigan State University, will deliver a lecture to the Graduate English Club at 8:30 p.m. on Wednesday, March 22nd, in 208 Flowers Building. Professor Duffey's lecture is entitled "Jack Kerouac and the Beat Generation," and will be followed by a discussion period.

The lecture is public and all interested persons are cordially invited.

MEN'S GLEE CLUB 75TH ANNIVERSARY CONCERT

Celebrating its 75th Anniversary the Men's Glee Club will present a concert on Thursday, March 23rd, at 8:15 p.m. in Page Auditorium. The group is under the leadership of Professor Paul Young, conductor and director of choral activities and William E. Waters, assistant conductor and pianist. Tickets, priced at one dollar each, may be secured at the door.

The concert will initiate the group's 34th annual spring tour which includes a concert in Southern Pines, N. C., Charleston, S. C., and seven concerts in Florida.

The program for the Thursday night concert follows:

I	
Sacred Concert	Heinrich Schutz
Ave, verum Corpus Christi	Josquin Des Pres
When His loud voice in thunder spoke (from "Jephtha")	Georg Handel

II	
The Testament of Freedom	Randall Thompson
1. The God who gave us life	
2. We have counted the cost	
3. We fight not for glory	
4. I shall not die without a hope	

INTERMISSION

III

Operatic Choruses

Steersman, leave the watch (from "Flying Dutchman")	Richard Wagner
Pilgrims' Chorus (from "Tannhauser")	Richard Wagner
Battle Hymn (from "Rienzi")	Richard Wagner
Prayer (from "Lohengrin")	Richard Wagner

IV

Negro Spirituals

If I got my ticket, can I ride?	arr. Robert Shaw
Were you there?	arr. H. T. Burleigh
Soon ah will be done	arr. William L. Dawson

V

Folk Songs

Lord Randall	
British	arr. Philip Duey

Black-Eyed Susie	North Carolina	arr. Marshall Bartholomew
Has sorrow thy young days shaded	Irish	arr. Archibald T. Davison
Casey Jones	American	arr. Edward B. Lawton
	Encores	
The E-RI-E	Great Lakes Tuue	arr. Elliott Forbes
Brush Up Your Shakespeare (from "Kiss Me Kate")		Cole Porter
Wondrous Love	Southern Folk Hymn	
		arr. Paul Christiansen
Sam was a Man		Vincent Persichetti
Poor Man Lazrus	Spiritual	arr. Jeste Hairston

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold a seminar on Friday, March 24th, in Room 113 Biology Building at 4:15 p.m. Dr. Howard A. Schneiderman, Department of Zoology, Cornell University, will speak on "The Juvenile Hormone and Other Insect Growth Hormones." Coffee will be served in Room 113 at 4:00 preceding the seminar.

QUADRANGLE PICTURES CLOSED

Quadrangle Pictures will be closed Saturday, March 25th, Wednesday, March 29th, and Saturday, April 1st for Spring Recess, re-opening on Wednesday, April 5th, with "Uncle Vanya."

PHYSICAL THERAPY WEEK

During North Carolina Physical Therapy Week, March 21st through 24th, the Physical Therapy Department of the Duke University Medical Center will be pleased to have interested members of the campus community visit the department. Wednesday, March 22nd, will be Physical Therapy Day at the Medical Center and undergraduate students interested in a career in physical therapy will be given the opportunity to attend classes or observe in the physical therapy clinic with the present physical therapy students. There also will be an opportunity to talk with members of the faculty about the necessary prerequisites for study of the profession.

Physical Therapy classes will be scheduled 9:30 a.m. to 12:30 p.m. and 1:00 to 5:00 p.m. Visitors will be welcome at any time during these hours. In addition, the Peggy Mann Show on WTVD, at 1:00 p.m. on Monday, March 20th, will present a student-staff discussion and demonstrations on physical therapy.

WEEKLY CALENDAR NOTICE

Due to Spring Recess, March 25th-April 3rd, there will be no University Weekly Calendar for the period of March 26th through April 1st. Notices for the Calendar, April 2nd through 8th, should be submitted to Room 202-A Flowers Building not later than 1:00 p.m. on Thursday, March 23rd.

SPRING RECESS UNIVERSITY SERVICES

The next two Sundays, March 26th and April 2nd, fall within the academic spring recess. Accordingly, the regular University Service of Worship will not be conducted on those Sundays. However, on both Sundays an abbreviated service of music, Scripture readings, and prayers will be held in the Chapel at 11:00 a.m. On Palm Sunday the Reverend Professor James T. Cleland, Dean of the Chapel, will conduct the service and on Easter Sunday, the Reverend Howard C. Wilkinson, Chaplain to the University, will be in charge of the service. The students and other University personnel who remain on campus during the recess period are cordially invited to attend these two recess services.

LIBRARY SCHEDULE SPRING RECESS

During Spring Recess the General Library will be open and operating according to the following schedule:

Saturday, March 25th	8:00 a.m.-5:00 p.m.
Sunday, March 26th	Closed
Monday, March 27th through Friday, March 31st	9:00 a.m.-5:00 p.m.
Saturday, April 1st	9:00 a.m.-1:00 p.m.
Sunday, April 2nd	Closed
Monday, April 3rd	9:00 a.m.-5:00 p.m.
Tuesday, April 4th	Resume regular schedule

Deviations from this schedule for School, College and Departmental Libraries will be posted in those libraries.

1961 UNDERGRADUATE STUDENT BOOK COLLECTORS CONTEST

The Friends of Duke University Library are again sponsoring an annual contest for the best personal book collections acquired by students while in college.

Three prizes are offered: \$50, \$30, and \$20, in the form of books chosen by the recipients. The winners will also be guests of the Friends of the Library at their annual dinner meeting on April 27th.

Winners will be determined by a committee of three faculty members, on the basis of book lists submitted and brief personal interviews. The judges of this year's contest will be announced soon.

Neither the number nor the monetary value of the student's books is of primary importance, but rather the student's knowledge of his own library and his discrimination in selecting books related to his interests. Collections may be either specialized or general. Textbooks should not be included.

The contest is open to all undergraduates, and contestants of previous years may enter it again.

Further information may be obtained from Thomas M. Simkins, Jr., in the Rare Book Room of the General Library.

The date for submitting entries is April 7th.

S. U. ART EXHIBIT EMERSON'S NEW ENGLAND

The S. U. Music and Arts Committee is now showing a traveling exhibition from the American Federation of Arts in the Alumni Lounge of the Union Building. It may be seen from 9:00 a.m. until 10:00 p.m. daily until the 25th of March.

EMERSON'S NEW ENGLAND, a photographic exhibition prepared by Otto Hagel and the Editors of Life Magazine, deals with places and place-names especially associated with Emerson, Thoreau, Hawthorne, Alcott and Longfellow. The exhibition is composed of twenty-five panels, and opens with photographs of Concord and of the exteriors and interiors of houses there such as the Old Manse and Wayside. The panels move then to Walden, to Brook Farm; to Haverhill, to Cambridge and Boston; then back again to close with the open air of Concord and Concord River. The text, exclusive of identifying captions, is almost entirely composed of excerpts taken from the 19th century New England writers themselves.

ADVANCE NOTICE "J.B."

The Student Union's Major Attractions Committee will bring to the campus the Broadway Touring Company of Archibald MacLeish's Pulitzer Prize winning play, "J.B." on Saturday, April 8th, at 8:15 p.m. in Page Auditorium. The Elia Kazan production will star John Carradine, Shepperd Strudwick, Frederic Worlock and Olive Dunbar.

Reserved seat tickets, priced at \$2.50, \$3.00, and \$3.50, will be on sale at the Page Auditorium Box Office from 2:00 to 5:00 p.m. on March 20th through 24th and April 4th through 8th. Reservations may be made by phone (ext. 2911) during these hours or by writing Box KM, Duke Station, and enclosing a stamped self-addressed envelope.

FRENCH AND SPANISH EXAMINATION

The French and Spanish Examinations for candidates for graduate degrees will be given Friday, April 14th, in Rooms 113-114 Physics Building, at 4:00 p.m. Candidates register in the Graduate School Office for these examinations not later than Friday, March 31st.

ADVANCE NOTICE NATIONAL BALLET OF CANADA ARTISTS' SERIES CONCERT

The Duke Artists' Series announces the last of the concerts in the 1960-'61 season, The National Ballet of Canada, to be presented in Page Auditorium on Thursday, April 13th, at 8:15 p.m. Tickets are now available priced at \$2.50 and \$2.00 and may be reserved by phone (ext. 2911), by mail (Box KM, Duke Station), or by coming to the office in 202-A Flowers Building. At this concert there will be an opportunity to make season ticket reservations for the 1961-'62 Artists' Series.

UNIVERSITY OFFICIAL EXAMINATION SCHEDULE

Spring Semester, 1961

ANY STUDENT HAVING A SCHEDULE OF THREE EXAMS WITHIN TWENTY-FOUR HOURS OR TWO EXAMS AT THE SAME TIME MUST REPORT TO THE DEANS' OFFICE *NOT LATER THAN APRIL 22* TO REQUEST A CHANGE IN SCHEDULE.

Thursday		
May 18	7:00 p.m.	PHYSICAL EDUCATION
Friday	Undergraduate	
May 19	Reading Period	
Saturday	9:00-12:00 a.m.	TTS, FOURTH PERIOD
May 20	2:00- 5:00 p.m.	English 1, 2
Monday	9:00-12:00 a.m.	TTS, THIRD PERIOD
May 22	2:00- 5:00 p.m.	All Languages 1, 2 & Engineering 2.1-2.4
Tuesday	9:00-12:00 a.m.	TTS, SECOND PERIOD
May 23	2:00- 5:00 p.m.	Chemistry 2
	7:00-10:00 p.m.	Philosophy 48, 49
Wednesday	9:00-12:00 a.m.	TTS, FIRST PERIOD
May 24	2:00- 5:00 p.m.	Physics 2, 42
	7:00-10:00 p.m.	Botany 2
Thursday	9:00-12:00 a.m.	MWF, FOURTH PERIOD
May 25	2:00- 5:00 p.m.	Mathematics 21, 53
	7:00-10:00 p.m.	Economics 58
Friday	9:00-12:00 a.m.	MWF, THIRD PERIOD
May 26	2:00- 5:00 p.m.	History 2, E2, 2X
	7:00-10:00 p.m.	Air Science
Saturday	9:00-12:00 a.m.	MWF, SECOND PERIOD
May 27	2:00- 5:00 p.m.	TTS, SIXTH PERIOD
Monday	9:00-12:00 a.m.	MWF, FIRST PERIOD
May 29		(Zool. 2)
	2:00- 5:00 p.m.	French 64 & Spanish 64 & Engineering 2.5-2.8
Tuesday	9:00-12:00 a.m.	MWF, SIXTH PERIOD
May 30	2:00- 5:00 p.m.	Religion 2
	7:00-10:00 p.m.	Mathematics 22
Wednesday	9:00-12:00 a.m.	MWF, FIFTH PERIOD &
May 31		Naval Science
	2:00- 5:00 p.m.	Political Science 11, 12, 62

ENGINEERING COURSES, OTHER THAN ENGINEERING 2, WILL MEET FOR EXAMINATION AT THE REGULAR CLASS PERIODS.

Chemistry (except Chemistry 2) and Zoology Classes meet for examination at the time scheduled for their general lecture period. ANY EXAMINATION NOT COVERED IN THE FOREGOING SCHEDULE IS TO BE ARRANGED BY THE INSTRUCTOR IN CHARGE OF THE COURSE IN THE PERIOD BEGINNING May 20, 9:00 a.m., AND ENDING May 31, 5:00 p.m. NO EXAMINATION IS TO BE GIVEN BEFORE 9:00 a.m., May 20, WITH THE EXCEPTION OF PHYSICAL EDUCATION. NO CHANGE IS TO BE MADE IN ANY SCHEDULED EXAMINATION WITHOUT THE APPROVAL OF THE COMMITTEE.

UNIVERSITY SCHEDULE COMMITTEE

WEEK OF
April 2-8, 1961

CALENDAR

WEEK OF
April 2-8, 1961

OF DUKE UNIVERSITY



Events of the Week

Sunday, April 2

11:00-11:30 a.m. University Recess Service. University Chapel. Presiding Minister: The Reverend Howard C. Wilkinson, Chaplain to the University. Broadcast over Radio Station WDNC and WDNC-FM.

Monday, April 3

5:00 p.m. Faculty Volleyball. Indoor Stadium.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
7:00 p.m. Bowling for faculty and staff. Bowling Alleys in Ark on East Campus.

Tuesday, April 4

8:10 a.m. Classes resume.
10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Abraham Viljoen.
4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
5:00 p.m. Gerontology Open Seminar. Room 308 Flowers Building. Speakers: Professors C. E. Ferguson, John Blackburn, and Lloyd Saville.
5:30 p.m. French Table and Spanish Table. East Campus Union Building.
8:00 p.m. Special Botany Lectures. Room 113 Biology Building. Speaker: Dr. D. I. Arnon.

Wednesday, April 5

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Thomas A. Langford.
11:00 a.m. Divinity School Assembly. York Chapel. Lecturer: Dr. Paul Tournier from Geneva, Switzerland.
12:30 p.m. Literary Arts Celebration Luncheon honoring speakers. Old Trinity Room.
3:00 p.m. Varsity Tennis: Duke versus Kalamazoo College. West Tennis Courts.
3:00 p.m. Literary Arts Celebration: A Discussion of Student Poetry in the Archive by Richard Eberhart. Music Room, East Duke Building.
4:15 p.m. Botany Seminar. Room 113 Biology Building. Speaker: Dr. John Conover.
4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
7:00 p.m. Chapel Choir Rehearsal. University Chapel.
7:05 & 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Uncle Vanya" with Franchot Tone and Dolores Dorn-Heft. Anton Chekhov's immortal impudent comedy was filmed during the highly successful ten month off-Broadway stage run. "Superb set of performances . . . It is a true comedy."—N. Y. Times. NOTE: Showing Wednesday only.
8:00 p.m. Special Botany Lecture. Room 113 Biology Building. Speaker: Dr. D. I. Arnon.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 8:00 p.m. Duke Law Dames Meeting. Law School Lounge. Speaker: Mrs. Janet Smith.
- 8:15 p.m. Senior Recital: Susan Cooper, pianist. Asbury Auditorium.
- 8:15 p.m. U. R. C. Meeting. Room 208 Flowers Building.
- 8:15 p.m. Literary Arts Celebration: A Reading from his poetry by Richard Eberhart. Music Room, East Duke Building.

Thursday, April 6

- 9:00 a.m.-12:00 m. & 2:00-5:00 p.m. Tenth Southern Municipal and Industrial Waste Conference. Engineering Building.
- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Louie Chesnutt.
- 11:00 a.m. Duke Bar Association Address: Mr. Joseph L. Rauh, Jr. Law School Courtroom.
- 12:30 p.m. S. M. & I. Waste Conference. Luncheon. Union Ballroom.
- 3:00 p.m. Literary Arts Celebration: A reading from his novel in progress, "The Hands of Esau" by Hiram Haydn. Music Room, East Duke Building.
- 3:00 p.m. Varsity Tennis: Duke versus Notre Dame. West Tennis Courts.
- 4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Literary Arts Celebration: Discussion of Student Fiction in the Archive. Music Room, East Duke Building. Panel: Hiram Haydn, chairman, Jessie Rehder, and Reynolds Price.

Friday, April 7

- 9:00 a.m.-3:30 p.m. S. M. & I. Waste Conference. Engineering Building.
- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Gerald Wilson.
- 3:00 p.m. Varsity Tennis: Duke versus Harvard. West Tennis Courts.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.
- 6:00 p.m. Alumnae Council Dinner. Old Trinity Room.
- 6:00-9:30 p.m. Seventh Annual N. C. State Science Fair Exhibits. Men's Graduate Center.
- 8:15 p.m. Spring Concert of Duke Concert Band. Womans' College Auditorium.

Saturday, April 8

- Varsity Golf: Duke versus U. S. C. Duke Golf Course.
- 9:30 a.m.-3:00 p.m. N. C. State Science Fair Exhibits. Men's Graduate Center.
- 10:30 a.m. Alumnae Weekend Lecture. East Duke Building. Speaker: Dr. Alfred P. Tischeudorf. Subject: "Latin America and the New Frontier."
- 11:30 a.m. Alumnae Weekend Lecture. East Duke Building. Speaker: Dr. R. Taylor Cole. Subject: "Independent Nigeria."
- 1:00 p.m. Alumnae Luncheon. East Campus Union. Speaker: Mrs. Helen Bevington. Subject: "When Found, Make a Note of."
- 8:15 p.m. Broadway Touring Company in "J. B." under the auspices of Student Union's Major Attractions Committee. Page Auditorium.

SPRING RECESS CHAPEL SERVICE

Because of the academic spring recess there will be an abbreviated service of music, scripture readings, and prayers in the University Chapel on Sunday, April 2nd. The Reverend Howard C. Wilkinson, Chaplain to the University, will be the presiding minister. Members of the University Community and their guests are cordially invited to attend this service.

COUNCIL ON GERONTOLOGY OPEN SEMINAR

The Duke University Council on Gerontology will hold an open seminar on Tuesday, April 4th, in Room 208 Flowers Building at 5:00 p.m. "Economic Problems of an Aging Population," a report on research in progress at the Duke Department of Economics, will be discussed by members of the Department.

"Labor Requirements and Labor Supply" will be covered by Dr. C. E. Fergusson. This is a study being conducted jointly with James M. Folsom and Juanita M. Kreps. Mr. John Blackburn will discuss "Pensions, the National Income and National Wealth," and Dr. Lloyd Saville will talk on "Economic Results of Variable Retirement."

The public is cordially invited to attend.

SPECIAL BOTANY LECTURES

Two lectures in the series on **Light Effects on Plants** will be held on Tuesday and Wednesday, April 4th and 5th, at 8:00 p.m. in Room 113 Biology Building. Dr. D. I. Arnon, Division of Nutrition, University of California, Berkeley, California, will speak Tuesday on "Changing Concepts of Photosynthesis." Dr. Arnon's topic at the Wednesday night session will be "A Unified Concept of Photosynthesis as an Energy Conversion Process."

LITERARY ARTS CELEBRATION

The annual Literary Arts Celebration will take place on Wednesday and Thursday, April 5th and 6th, in the Music Room of East Duke Building at 3:00 and 8:15 p.m. on each day. Featured participants include: Richard Eberhart, poet and Consultant in Poetry, Library of Congress; Hiram Haydn, novelist, editor of the *American Scholar*, and president of Atheneum Publishers of New York City; Jessie Rehder, novelist and Professor of English, University of North Carolina; and Reynolds Price, author, instructor in English, Duke University, and recent Rhodes Scholar. The public is cordially invited to all sessions.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, April 5th, at 4:15 p.m. in Room 113 Biology Building. Dr. John Conover, Department of Botany, University of Rhode Island, Kingston, Rhode Island, will speak on his marine work in the western Gulf of Mexico at Yucatan. Tea and coffee will be served at 4:00 p.m.

DUKE LAW DAMES MEETING

The Duke Law School Dames will meet on Wednesday, April 5th, at 8:00 p.m. in the Law School lounge. Mrs. Janet Smith, Durham interior decorator, will discuss fabrics, colors, and how to use them in decorating schemes.

SENIOR PIANO RECITAL

The Department of Music will present Susan Cooper, pianist, in a senior recital on Wednesday, April 5th, at 8:15 p.m. in Asbury Auditorium. Miss Cooper is a student of Alice Wilkinson. The public is cordially invited. Her program will be as follows:

Prelude and Fugue in B flat, Volume I
Sonata in C minor, K. 457
Molto allegro
Adagio
Allegro assai

Bach
Mozart

INTERMISSION

Intermezzo in E flat major, Opus 117, No. 1
Etude in D flat, Un Sospiro
Nocturne in C sharp minor, Opus 27, No. 1
Sonatine
Modéré
Mouv't de Menuet
Animé

Brahms
Liszt
Chopin
Ravel

UNIVERSITY RELIGIOUS COUNCIL MEETING

A meeting of the University Religious Council will take place on Wednesday, April 5th, at 8:15 p.m. in 208 Flowers Building. At this meeting the officers of the Council for the new year are to be elected. A second meeting of the Council will be a dinner meeting to be held on Wednesday, May 10th, at 6:00 p.m. in the private dining room of the Men's Graduate Center.

TENTH SOUTHERN MUNICIPAL AND INDUSTRIAL WASTE CONFERENCE

Duke University will be host to the Tenth Municipal and Industrial Waste Conference on Thursday and Friday, April 6th and 7th.

These conferences have been organized jointly by North Carolina State College, Duke University, and the University of North Carolina to bring together engineers, representatives of industry, and officials of municipalities and other government agencies who are responsible for developing policies relating to utilization of water resources in the southeastern part of the United States.

Gordon E. McCallum, Chief of the Division of Water Supply and Pollution Control, United States Public Health Service, will deliver the keynote address at 10:30 a.m. on Thursday, April 6th, in the Engineering Building Auditorium. The theme of the conference, "A Decade of Progress in Water Resources Management," will be utilized during the two-day program as a means for developing an understanding of current problems and dedication of progress and understanding to our future needs.

DUKE BAR ASSOCIATION ADDRESS

The Professional Affairs Committee of the Duke Bar Association will sponsor an address by Mr. Joseph L. Rauh, Jr., in the Law School Courtroom on Thursday, April 6th, at 11:00 a.m. He will speak on the topic of "The Lawyer and Civil Liberties."

Mr. Rauh is a practicing attorney in Washington, D. C. He represents some of the larger labor unions, including the United Auto Workers and the Brotherhood of Sleeping Car Porters. In addition, he is considered a specialist in the field of communications law. Mr. Rauh has done considerable writing for various publications on civil liberties and has participated in many network radio and television debates.

ALUMNAE WEEKEND PROGRAM

For the eighteenth year, alumnae will return to the campus on Saturday, April 8th, for their annual Alumnae Day and a program planned especially for them. Other members of the University Community are cordially invited to the lectures in East Duke Building and anyone interested in attending the luncheon should contact Miss Anne Garrard, 106 West Campus Union.

The Alumnae Council will hold its spring meeting in the Old Trinity Room on Friday evening.

SEVENTH ANNUAL NORTH CAROLINA STATE SCIENCE FAIR

The Seventh Annual N. C. State Science Fair will be held on campus on Friday and Saturday, April 7th and 8th. Approximately seventy high school science students throughout the state and their teachers will bring their district fair prize exhibits to the University for competition in the State Fair. Exhibits will be on display in the large Common Room, first floor of the Men's Graduate Center from 6:00 to 9:00 p.m. on Friday, April 7th, and from 9:30 a.m.

until 3:00 p.m. on Saturday, April 8th. The displays are open to public viewing at these times.

On Saturday Professor Marcus E. Hobbs, Dean of the University, will address a luncheon meeting at 12:30 p.m. in the Union Ballroom at which time the names of winners in the state competition will be announced.

SPRING CONCERT OF DUKE CONCERT BAND

The Duke University Concert Band, under the direction of Dr. Paul R. Bryan, will present the annual spring concert on Friday evening, April 7th, in the Woman's College Auditorium at 8:15 p.m. Special features for the evening will include performances of the clarinet choir and flutist Thomas Howell, '63. There is no admission charge and the public is cordially invited to attend the concert. The program is as follows:

"Apollo" March	Anton Bruckner
Symphony in B flat for Concert Band	
Third Movement—Fugue	Paul Hindemith
Overture to the opera <i>Der Schanspieldirektor</i> , K. 486	Wolfgang Amadeus Mozart
Clarinet Choir conducted by James Henry	
"Love Death" from the opera <i>Tristan and Isolde</i>	Richard Wagner

INTERMISSION

Overture to the opera <i>Beatrice and Benedict</i>	Hector Berlioz
Concertino for Flute Solo, Op. 107	Cecile Chaminade
Thomas Howell, flutist	
March "In Memoriam"	Darius Milhaud
Ballet Music from the opera <i>Faust</i>	Charles Gounod
Entry of the Trojan Maidens	
Pas Seul of Helen	
Bacchanale and Entry of Phryne	

BROADWAY PERFORMANCE OF "J.B."

The Student Union's Major Attractions Committee will bring to the campus the Broadway Touring Company of Archibald MacLeish's Pulitzer Prize winning play, "J.B." on Saturday, April 8th, at 8:15 p.m. in Page Auditorium. The Elia Kazan production will star John Carradine, Shepperd Strudwick, Frederic Worlock and Olive Dnnbar.

Reserved seat tickets, priced at \$2.50, \$3.00, and \$3.50, will be on sale at the Page Auditorium Box Office from 2:00 to 5:00 p.m. on April 4th through 8th. Reservations may be made by phone (ext. 2911) during these hours or by writing Box KM, Duke Station, and enclosing a stamped self-addressed envelope.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. William J. Novick for the Ph.D. degree in Physiology took place on Tuesday, March 28th, at 1:30 p.m. in Room M-253 Medical School. The topic of Mr. Novick's dissertation was "The Effect of Oxygen Tension and Thyroid Hormones on Monoamine Oxidase." On the examining committee were Professors Frederick Bernheim, F. G. Hall, William Byrne, Karl Wilbur, and William DeTurk, with Professor Bernheim presiding.

ALICE M. BALDWIN EXHIBIT

The many friends and admirers of our late Dean Emeritus, Alice M. Baldwin, will be interested to know of an exhibit in the Woman's College Library commemorating her life of service to the University. The display will remain up for the month of April and may be seen during the regular Library hours, 8:00 a.m. to 10:00 p.m. daily and 2:00-10:00 p.m. on Sundays.

ADVANCE NOTICE

DISTINGUISHED LECTURES IN SOCIOLOGY

A Distinguished Lecture series is being initiated by the Department of Sociology and Anthropology with two internationally famous sociologists as the first lecturers. On Monday, April 10th, at 8:15 p.m. Dr. Everett C. Hughes of the University of Chicago will talk on "The Queer Ways of Students and Their Teachers." On Tuesday, April 11th, at 8:15 p.m. Dr. Rene König of the University of Cologne will discuss "The Changing Family in Germany." Both lectures will be in Room 208 Flowers Building. All interested persons are cordially invited to attend.

ADVANCED NOTICE SENIOR RECITAL

The Department of Music will present Henry Hester, pianist, in a senior recital on Sunday, April 9th, at 4:00 p.m. in Asbury Auditorium. Mr. Hester is a student of Professor Loren Withers and was heard recently as a soloist with the Duke Symphony Orchestra. The public is cordially invited. His program will be as follows:

Partita No. 2 in C minor	Bach
Sinfonia	
Allemande	
Courante	
Capriccio	
Sonata in F-sharp, Op. 78	Beethoven
Adagio cantabile—Allegro ma non troppo	
Allegro vivace	

INTERMISSION

Adagio mesto, from Sonata, Op. 26 (1950)	Samuel Barber
Jardins sous la Pluie	Debussy
Ballade in G minor, Op. 23	Chopin

ADVANCED NOTICE NATIONAL BALLET OF CANADA ARTISTS' SERIES CONCERT

The Duke Artists' Series announces the last of the concerts in the 1960-'61 season, The National Ballet of Canada, to be presented in Page Auditorium on Thursday, April 13th, at 8:15 p.m. Under the directorship of Celia Franca, the Ballet includes a company of over eighty and a full orchestra under the baton of George Crum. The program will be the ballet COPPELIA (The Girl with the Enamel Eyes) with music by Leo Delibes and choreography after Arthur Saint-Leon.

Tickets are still available priced at \$2.50 and \$2.00 and may be reserved by phone (ext. 2911), by mail (Box KM, Duke Station), or by coming to the office in 202-A Flowers Building. At this concert there will be an opportunity to make season ticket reservations for the 1961-'62 Artists' Series.

WEEK OF
April 9-15, 1961

CALENDAR

WEEK OF
April 9-15, 1961

OF DUKE UNIVERSITY



Events of the Week

Sunday, April 9

Denominational Meetings. See special notice.

- 10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.
- 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "The Happy Warrior." Broadcast over Radio Station WDNC and WDNC-FM.
- 4:00 p.m. Senior Piano Recital: Henry Hester. Asbury Auditorium.
- 7:30 p.m. Reading of "Everyman." Episcopal Student Center.

Monday, April 10

- 3:00 p.m. Varsity Tennis: Duke versus Davidson College. West Tennis Court.
- 4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Dr. Edgar Zwilling.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:30 p.m. Phi Beta Kappa Initiation and Dinner. Room X-204 and Ballroom of West Union Building.
- 6:00 p.m. Naval Reserve Meeting. Room 135 Physics Building. Speaker: Mr. William McClure.

- 7:00 p.m. Bowling for faculty and staff. Bowling Alleys in Ark on East Campus.
- 8:00 p.m. Special Botany Lectures. Room 113 Biology Building. Speaker: Dr. Francis T. Haxo.
- 8:00 p.m. Erasmus Club Meeting. Green Room, East Duke Building. Speaker: Professor Sturgis E. Leavitt.
- 8:15 p.m. Distinguished Lectures in Sociology. Room 208 Flowers Building. Speaker: Dr. Everett C. Hughes.

Tuesday, April 11

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. William H. Poteat.
- 11:30 a.m. Engineering Faculty Meeting. Room 125 Engineering Building. Speaker: Mr. T. A. Boyle.
- 1:00 p.m. The final examination of Mr. Metodey Polasek for the Ph.D. degree in Economics. Room 106B Social Science Building.
- 3:00-5:00 p.m. Campus Club Tea. University House, 2138 Myrtle Drive.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:30 p.m. French Table and Spanish Table. East Campus Union Building.
- 8:00 p.m. Special Botany Lectures. Room 113 Biology Building. Speaker: Dr. Francis T. Haxo.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

8:15 p.m. Distinguished Lectures in Sociology. Room 208 Flowers Building. Speaker: Dr. Rene Konig.

Wednesday, April 12

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. William H. Poteat.
- 2:00 p.m. Varsity Track: Duke versus Wake Forest and Clemson. Stadium.
- 2:00 p.m. Symposium on the History of Air Power. Room 208 and 201 Flowers Building.
- 2:30 p.m. Varsity Baseball: Duke versus Wake Forest. Coombs Field.
- 4:15 p.m. Botany Seminar. Room 113 Biology Building. Film with comments by Dr. H. J. Humm.
- 4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:05 p.m. Quadrangle Pictures. Page Auditorium. "The 3 Penny Opera." Based on the play by Bert Brecht with music by Kurt Weill, this is the recovered original and complete German film version following Hitler's attempt to burn it. "The popular MACK THE KNIFE is unforgettable on the screen!"—N. Y. World Tel. & Sun. "A wryly humorous, striking and colorful achievement."—N. Y. Times.
- 7:00 p.m. Engineer in Training Lecture. Engineering Auditorium. Speaker: Associate Professor Aubrey E. Palmer.
- 8:00 p.m. Open Meeting of Symposium on the History of Air Power. Union Ballroom. Speaker: Dr. Douglas Robinson.
- 8:00 p.m. Muslim Students Association Lecture. Room 208 Flowers Building. Speaker: Dr. M. F. Hoballah.

Thursday, April 13

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Reginald Ponder.
- 11:30 a.m. Civil Engineering Seminar. Room 120 Engineering Building. Speaker: Mr. Jehangir F. Mirza.
- 3:30 p.m. The final examination of Mr. Allison L. Lewis for the Ph.D. degree in Philosophy. Room 211-A West Duke Building.
- 4:00 p.m. Undergraduate Faculty Council Meeting. Room 208 Flowers Building.
- 4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. S. U. Pre-Artists' Series Seminar on Ballet. Speaker: Mr. John Lehman.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

8:15 p.m. Artists' Series: National Ballet of Canada. Page Auditorium.

Friday, April 14

Woman's College Parents Week-End.

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Jim Faggart.
- 12:30 p.m. Muslim Student Association Meeting. 207 Flowers Building.
- 2:30 p.m. Political Science Graduate Seminar. Room 302 Library Building. Speaker: Professor B. Beinart.
- 3:30 p.m. Graduate School Conference. Union Ballroom. Speaker: Sir Hugh Taylor.
- 4:00 p.m. French and Spanish Examinations for candidates for graduate degrees. Rooms 113-114 Physics Building.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.
- 5:00-6:00 p.m. Reception for Graduate Faculty, wives and guest of the University. University House, 2138 Myrtle Drive.

Saturday, April 15

- 9:30 a.m.-12:30 p.m. Graduate School Conference. Room 208 Flowers Building. Speaker: Professor Bernard Berelson.
- 11:30 a.m. Parents Week-end Panel Discussion. Music Room, East Duke Building.
- 1:30 p.m. Parents Weekend Luncheon. East Union.
- 2:00 p.m. Duke-Durham Relays Track Events. Stadium.
- 2:15 p.m. S. U. Carillon Seminar. Room 201 Flowers Building.
- 2:30 p.m. Varsity Lacrosse: Duke versus University of Maryland.
- 3:00-5:00 p.m. Parents Week-end Garden Party. Duke Gardens.
- 3:15 p.m. S. U. Carillon Concert. Guest Carillonneur: Wendel Wescott.
- 7:00 and 9:05 p.m. Quadrangle Pictures. Page Auditorium. "The 3 Penny Opera." Based on the play by Bert Brecht with music by Kurt Weill, this is the recovered original and complete German film version following Hitler's attempt to burn it. "The popular MACK THE KNIFE is unforgettable on the screen!"—N. Y. World Tel. & Sun. "A wryly humorous, striking and colorful achievement."—N. Y. Times.
- 8:15 p.m. Woman's Glee Club and Women's Chorus Concert. Woman's College Auditorium.

DENOMINATIONAL MEETINGS

Baptist Student Union: Sunday—9:15 a.m., Sunday School at First, Grey Stone, Temple, and Watts Street Baptist Churches. 6:30 p.m., Training Union at above churches. **Wednesday—6:30 p.m.,** Vesper Service, East Duke Chapel, Annette Seward, leader.

Episcopal Student Fellowship: Holy Communion will be celebrated at 9:30 a.m., Sunday, at the Episcopal Student Center by the Reverend J. W. O'Brien. Breakfast will follow. A production of **Everyman** will be presented at 7:30 p.m. under the direction of Cooper Speaks of the English Department. There also midweek celebrations of Holy Communion Wednesdays at 7:10 a.m. and 5:30 p.m.

Lutheran Student Association: Sunday—6:30 in the evening—208 Flowers Building—Pastor, H. A. Schroder—"The Changing Situation with Duke Lutherans"—Based on 30 years association as St. Paul's Lutheran Church Pastor. **Wednesday—7:15** and 8:00 in the morning—Holy Communion in Memorial Chapel. Rides from Hanes Corner and East preceding.

Methodist Student Fellowship: Sunday—9:30 a.m., Seminars. 6:30 p.m., Worship. **Wednesday—6:00** p.m., Holy Communion.

Westminster Student Fellowship: Sunday—9:30 a.m., Sunday School, 2127 Myrtle Drive. 7:30 p.m., W. F. meets jointly with the Episcopal Student Fellowship at the Episcopal Student Center. **Wednesday—6:00** p.m., Westminster Supper Club, East Campus Union.

Unitarian Fellowship—Sunday, 7:30 p.m., Room 201 Flowers Building, West Campus. Mr. Robinson B. James will speak on "Christianity Does Not Need the Historical Jesus" (Tillich's Use of Artistic Terms to Break a Science-Religion Deadlock).

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor James T. Cleland, Dean of the Chapel, will deliver the morning sermon at the University Service of Worship on Sunday, April 9th, at 11:00. Dr. Cleland's sermon topic will be "The Happy Warrior." The order of worship follows:

Organ Prelude—Suite from "Water Music" *Handel*
Call to Worship—"Sanctus from Mass II" *Hans Leo Hassler*
Hymn—"Onward, Christian Soldiers" *Arthur S. Sullivan*
Prayer of Confession
Words of Assurance
The Lord's Prayer
Anthem—Two Sacred Songs *William Byrd*
Scripture—John 20:19-21, Ephesians 6:10-20
Hymn—"O For A Thousand Tongues to Sing" *Carl G. Gläser*
Call to Prayer
The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition, and Dedication
The Offering
Offertory Organ Interlude
Anthem—"Plorate filii Israel" *Giacomo Carissimi*
Response—The Doxology
Prayer of Dedication
Sermon—"The Happy Warrior"
Prayer
Benediction

Choral Response—"Sevenfold Amen" *Stainer*

The Chimes

Organ Postlude—Fugue in E flat (*St. Anne*) *Bach*

SENIOR RECITAL

The Department of Music will present Henry Hester, pianist, in a senior recital on Sunday, April 9th, at 4:00 p.m. in Asbury Auditorium. Mr. Hester is a student of Professor Loren Withers and was heard recently as a soloist with the Duke Symphony Orchestra. The public is cordially invited. His program will be as follows:

Partita No. 2 in C minor *Bach*

Sinfonia

Allemande

Courante

Capriccio

Sonata in F-Sharp, Op. 78 *Beethoven*

Adagio catabile—Allegro ma non troppo

Allegro vivace

INTERMISSION

Adagio mesto, from Sonata, Op. 26 (1950) *Samuel Barber*

Jardins sous la Pluie *Debussy*

Ballade in G minor, Op. 23 *Chopin*

READING OF "EVERYMAN"

On Sunday, April 9th, at 7:30 in the evening, at the Episcopal Student Center on Alexander Street, there will be a dramatic reading of Hugo von Hofmannsthal's modern version of the medieval morality play, **Everyman**. This reading of the play, adapted in modern blank verse by Cooper P. Speaks of the English Department, will include students and faculty members. Among those in the cast are Earl McCarroll, Lola Powers, Dan Riddick, Jill Halpern, May Bates, Charlotte Seeman, William Lamb, and Professors Gale Carrithers, Alan Clugston, Richard E. Quaintance, and William W. Combs. Special music will be furnished by the choir of St. Philip's Episcopal Church, David Pizzaro, Choirmaster. Vocal soloists are Susan Rose and Michael Best. The public is cordially invited to attend. There will be no admission charge.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, April 10th, in Room 113 Biology Building at 4:15 p.m. Dr. Edgar Zwilling, Professor of Biology, Brandeis University, will speak on, "Experimental Analysis of Limb Development." Coffee and tea will be served in Room 113 at 4:00 preceding the seminar.

PHI BETA KAPPA INITIATION AND DINNER

The annual spring initiation and dinner of Phi Beta Kappa will take place on Monday, April 10th, beginning at 5:30 p.m. in Room X-204 West Campus Union. The dinner will begin at 6:00 p.m. in the Union Ballroom. The address by Professor Randall Stewart of Vanderbilt University, open to the public, has been cancelled because of the illness of the speaker.

NAVAL RESERVE MEETING

Naval Reserve Research Company 6-6 will meet in Room 135 Physics Building at 6:00 p.m. on Monday, April 10. Mr. Wallace McClure will speak on "The World Rule of Law."

All Naval Reserve officers (especially students, faculty, and staff) are invited to attend and consider affiliating with this unit. Further information can be obtained from Leland Williams, Room 306 Duke Wing ARO(D) Building, telephone 286-9265.

SPECIAL BOTANY LECTURES

Two lectures in the series on **Light Effects on Plants** will be delivered by Dr. Francis T. Haxo, Oceanographic Institute, University of California, LaJolla, California. On Monday, April 10th, his subject will be "Wavelength Dependence of Photosynthesis in Plants," and on Tuesday, April 11th, Dr. Haxo will speak on "Photosynthetic Enhancement." Both lectures will be at 8:00 p.m. in Room 113 Biology Building, West Campus.

ERASMUS CLUB MEETING

The Erasmus Club together with the Philological Club of the University of North Carolina will meet at 8:00 p.m. on Monday, April 10th, in the Green Room, East Duke Building. The speaker will be Professor Sturgis E. Leavitt of the University of North Carolina, who will speak on "The Prince of Wales and the Spanish *Infanta*: Romance versus Religion."

A cordial welcome is extended to all members and their guests. Refreshments will be served after the meeting.

DISTINGUISHED LECTURES IN SOCIOLOGY

A Distinguished Lecture series is being initiated by the Department of Sociology and Anthropology with two internationally famous sociologists as the first lecturers. On Monday, April 10th, at 8:15 p.m. Dr. Everett C. Hughes of the University of Chicago will talk on "The Queer Ways of Students and Their Teachers." On Tuesday, April 11th, at 8:15 p.m. Dr. Rene König of the University of Cologne will discuss "The Changing Family in Germany." Both lectures will be in Room 208 Flowers Building. All interested persons are cordially invited to attend.

CAMPUS CLUB TEA

The Campus Club will give its April tea on Tuesday afternoon from three to five at University House, 2138 Myrtle Drive. The wives of the Economics faculty will be hostesses, with Mrs. Robert S. Smith serving as chairman. She will be assisted by Mrs. Frank T. deVyver, Mrs. Allan Cartter, and Mrs. Frederick C. Jeorg, who will be in charge of hospitality, decorations, and refreshments, respectively.

Featured at the tea will be exhibits from the arts

and crafts groups of the Club. The displays, which are being arranged by Mrs. Henry Weitz, program chairman for the event, will include hand-blocked cards, hooked rugs, stones in different stages of preparation for jewelry, and sewing articles produced by members of the various Study Clubs.

Since this is the annual business meeting, each member attending the tea will be given a copy of the annual report of the officers and the executive board, together with a ballot so that she may vote on the constitutional revisions presented at the March meeting and on the slate of officers for the Campus Club during the coming year.

ENGINEERING FACULTY MEETING

The Engineering Faculty will meet on Tuesday, April 11th, at 11:30 a.m. in Room 125 Engineering Building. The speaker will be Mr. T. A. Boyle, Associate Professor of Mechanical Engineering, who will discuss "Development of a Standardized Achievement Test for Student of Engineering Thermodynamics."

SYMPOSIUM ON THE HISTORY OF AIRPOWER

A Symposium on the History of Airpower will be held on Wednesday, April 12th. Sponsored by the Duke University-University of North Carolina Joint Seminar on National Security in cooperation with the Air Force Historical Foundation, the symposium program is designed to stimulate interest in the history of airpower, to consider new materials for publication, and to provide an opportunity for young men in the field to become better acquainted with each other and older scholars as well as work in progress.

The participants will include Maj. Gen. Benjamin D. Foulois, USAF (Ret); President, AFHF, Maj. Gen. Orvil A. Anderson, USAF (Ret), Exec. Dir. AFHF, Douglas Robinson, M.D., Pennington, N. J., Howard Seamehorn, University of Colorado, and A. D. Topping, Goodyear Aircraft Co.

The schedule of meetings follows:

2:00 p.m. Introductions—208 Flowers

R. J. Parkinson, Duke University

2:15 p.m. Seminar—208 Flowers

"The USAF and the Occupation of Germany, 1945-1955"

Captain Thomas Hickman, USAF, Air University

2:15 p.m. Seminar—201 Flowers

"American Air Transport and Airpower Doctrine in World War II"

Howard L. Seamehorn, University of Colorado

3:30 p.m. Coffee Break—208 Flowers

6:15 p.m. Dinner—Old Trinity Room

Maj. Gen. Benjamin D. Foulois, USAF (Ret.), President, AFHF

Theodore Ropp, Duke University Chairman Joint Seminar.

8:00 p.m. Open Meeting—Union Ballroom

"The Zeppelin Bomber—High Policy Guided by Wishful Thinking"

Douglas Robinson, M.D., Pennington, N.J.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Metodey Polasek for the Ph.D. degree in Economics will take place on Tuesday, April 11th, at 1:00 p.m. in Room 106-B Social Science Building. The title of Mr. Polasek's dissertation is "An Analysis of the United States Demand for Raw Apparel Wool, with Emphasis on Import Demand." Members of the examining committee will be Professors C. E. Ferguson, J. J. Spengler, C. B. Hoover, E. C. Simmons, and R. Taylor Cole, with Professor Ferguson presiding.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, April 12th, at 4:15 p.m. in Room 113 Biology Building, West Campus. A film of the plants, animals and people of the American Virgin Islands taken by Dr. John Randall, Marine Ichthyologist of the University of Miami Marine Laboratory, will be shown with comments by Dr. Harold J. Humm of the Botany Department. Tea and coffee will be served at 4:00 p.m.

ENGINEER IN TRAINING LECTURE

The sixth in the series of Engineer in Training Exam Review Lectures will be held in the Engineering Auditorium on Wednesday, April 12th, at 7:00 p.m. Sponsored by Pi Tau Sigma, Mechanical Engineering Honorary Fraternity, the lecture will be delivered by Professor Aubrey E. Palmer whose topic is to be "Statics and Strength." All interested persons are cordially invited to attend.

MUSLIM STUDENTS ASSOCIATION LECTURE

Dr. Mahmoud F. Hoballah, Director of the Islamic Center, Washington, D.C., will deliver a lecture on the relationship between Christianity and Islam under the sponsorship of the Muslim Students Association of Duke University. The lecture will be given in Room 208 Flowers Building at 8:00 p.m. on Wednesday, April 12th. The public is cordially invited to attend.

Dr. Hoballah is a Ph.D. of the University of London and a former dean of Al-Azhar, the Muslim University at Cairo, founded in 970 A.D.

CIVIL ENGINEERING SEMINAR

The Civil Engineering Seminar will meet on Thursday, April 13th, at 11:30 a.m. in Room 120 Engineering Building. Mr. Jehangir F. Mirza, Instructor and Research Assistant in the Civil Engineering Department, will speak on "Structural Aspects of Hyperbolic Paraboloidal Shells." All interested persons are invited.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Allison L. Lewis for the Ph.D. degree in Philosophy will take place on Thursday, April 13th, at 3:30 p.m. in Room 211A West Duke Building. The title of Mr. Lewis's dissertation is "A Critical Examination of Three Contemporary Aesthetic Theories." Members of the examining committee are to be Professors Paul Welsh, Charles Baylis, Romane Clark, Bernard Peach, and William Poteat, with Professor Welsh presiding.

UNDERGRADUATE FACULTY COUNCIL

The Undergraduate Faculty Council will meet at 4:00 p.m. on Thursday, April 13th, in 208 Flowers Building.

S. U. PRE-ARTIST SERIES BALLET SEMINAR

The S. U.'s Music and Arts Committee will complete its series of pre-Artist Series seminars with a session directed by Mr. John Lehman on the basic steps and technique of ballet. Mr. Lehman, director of the N.C. State Ballet in Raleigh, will have students demonstrate his lecture. The meeting will be held in Room 208 Flowers Building at 7:00 p.m. directly preceding the performance of the National Ballet of Canada in Page. The public is invited.

NATIONAL BALLET OF CANADA ARTISTS' SERIES CONCERT

The Duke Artists' Series announces the last of the concerts in the 1960-'61 season, The National Ballet of Canada, to be presented in Page Auditorium on Thursday, April 13th, at 8:15 p.m. Under the directorship of Celia Franca, the Ballet includes a company of over eighty and a full orchestra under the baton of George Crum. The program will be the ballet COPPELIA (The Girl with the Enamel Eyes) with music by Leo Delibes and choreography after Arthur Saint-Leon.

Tickets are still available priced at \$2.50 and \$2.00 and may be reserved by phone (ext. 2911), by mail (Box KM, Duke Station), or by coming to the office in 202-A Flowers Building. At this concert there will be an opportunity to make season ticket reservations for the 1961-'62 Artists' Series.

POLITICAL SCIENCE GRADUATE SEMINAR

The Political Science Graduate Seminar will meet on Friday, April 14th, at 2:30 p.m. in Room 302 Library Building. Professor B. Beinart of the Cape Town University Law School will speak on "Constitutional Law in South Africa."

CONFERENCE ON GRADUATE EDUCATION

A conference on the theme "The Future of Graduate Education" will be held on campus Friday and Saturday, April 14th and 15th. Sir Hugh Taylor, President of the Woodrow Wilson National Fellowship Program will speak on Friday afternoon at 3:30 on the conference theme. Dr. Taylor was formerly Dean of the Graduate School at Princeton University. At 5:00 p.m. a reception will be held for graduate faculty and wives in honor of conference speakers and alumni guests of the University.

On Saturday morning Professor Bernard Berelson will talk on the findings and recommendations of his recent Carnegie study, **Graduate Education in the United States**. Dr. Berelson is Director of the Institute of Applied Social Research at Columbia University. All members of the Graduate Faculty are invited to these sessions.

FRENCH AND SPANISH EXAMINATION

The French and Spanish Examinations for candidates for graduate degrees will be given Friday, April 14th, in Rooms 113-114 Physics Building, at 4:00 p.m. Candidates register in the Graduate School Office for these examinations not later than Friday, March 31st.

WOMAN'S COLLEGE PARENTS WEEKEND

The annual Woman's College Parents Weekend, sponsored by the Y.W.C.A., will be held on Friday, Saturday, and Sunday, April 14th, 15th, and 16th, with Miss Faye Branham, '61, as chairman. The schedule of events follows:

Friday, April 14th

Coffees in each Campus dormitory for parents, faculty, and students.

Saturday, April 15th

Parents attend classes with their daughters.

11:30 a.m. Panel discussion—"The Value of a Liberal Education for the College Woman"—Music Room, East Duke Building.

1:30 p.m. Luncheon—Women's College Union.

2:15 p.m. S.U. Carillon Seminar—201 Flowers. Wendell Wescott of Michigan State University.

3:00 p.m. to 5:00 p.m. Garden Party—Sarah P. Duke Memorial Gardens.

3:15 p.m. S.U. Carillon Concert. Wendell Wescott, Guest Carillonneur.

8:15 p.m. Women's Glee Club Concert. Woman's College Auditorium.

Sunday, April 16th

11:00 a.m. Worship Service. The Rev. Dr. Arthur T. Mollegan, Virginia Theological Seminary.

S. U. CARILLON CONCERT

The S. U.'s Music and Arts Committee will present Wendell Wescott in a carillon concert on Saturday, April 15th. Mr. Wescott is a member of the music faculty at Michigan State University and also official

carillonneur. He is an honor graduate of the Carillon School in Mechelen, Belgium, and is considered one of the most distinguished carillonneur in this country.

Mr. Wescott will hold a seminar at 2:15 p.m. in 201 Flowers immediately preceding his concert. The public is cordially invited.

WOMEN'S GLEE CLUB AND WOMEN'S CHORUS CONCERT

The Duke University Women's Glee Club and Women's Chorus will present their Spring Concert on Saturday, April 15th, at 8:15 p.m. in the Women's College Auditorium. The concert will be under the direction of Paul Young, Director of Choral Activities at Duke, and William E. Waters, Assistant Director. Music of all kinds will be heard, from a lovely, moving series by Brahms to spirituals and folk songs. A grand finale by the combined groups will conclude the concert, the forceful "Pueri Hebraeorum" by Randall Thompson. The Duke Women's groups are excellent this year, so this will prove to be an exciting concert. Admission will be \$1.00 and tickets may be obtained at the door.

CONCERTS POSTPONED

The visit of Roger Drinkall, 'cellist, from the University of Illinois has been postponed from April 5th-7th to May 10th-12th. Mr. Drinkall will play a recital on the Young Artists Series sponsored by the Music and Arts Committee of the Duke Student Union on Wednesday evening, May 10th, in the Music Room of East Duke Building. The program includes works by Sammartini, Beethoven, Robert Kelly, and Brahms.

Mr. Drinkall will also appear as soloist with the Duke Symphony Orchestra, conducted by Allan Bone, in the Dvorak Cello Concerto on Friday, May 12th, at 8:15 p.m. in Page Auditorium.

ADVANCE NOTICE MUSIC FACULTY SERIES WILLIAM KLENZ

The last recital in the Music Faculty Series will be presented by William Klenz, cellist, on Sunday, April 16th, at 4:00 p.m. in the Music Room of East Duke Building. Dr. Klenz will be accompanied at the piano by Gene Saville.

The program will include compositions by Scarlotti, Couperin, and Lalo. The public is cordially invited to attend this concert.

ADVANCE NOTICE FACULTY CLUB MEETING

The April meeting of the Duke University Faculty Club will be held in University House (Myrtle Drive) on Wednesday, April 19th, at 8:15 p.m. The meeting will constitute the annual business meeting of the Club. The speaker will be W. B. McGnire, President, Duke Power Company.

WEEK OF
April 16-22, 1961

CALENDAR

WEEK OF
April 16-22, 1961

OF DUKE UNIVERSITY



Events of the Week

Sunday, April 16

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Dr. Albert T. Mollegen, Professor of New Testament Language and Literature, Virginia Theological Seminary, Alexandria, Virginia. Sermon: "The Biblical Drama." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. William Klenz in Cello Recital. Music Room, East Duke Building.

7:30 p.m. Episcopal Student Center Address. Speaker: The Reverend Dr. Albert T. Mollegen.

Monday, April 17

2:00 p.m. Varsity Tennis: Duke versus Washington and Lee. West Courts.

4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Dr. Malcolm S. Gordon.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

6:00 p.m. Naval Reserve Meeting. Room 135 Physics Building.

7:00 p.m. Bowling for faculty and staff. Bowling Alleys in Ark on East Campus.

8:00 p.m. Special Biology Lectures. Room 113 Biology Building. Speaker: Dr. Wolf Vishniac.

8:00 p.m. Joint Duke-U.N.C. Philosophy Colloquium. Room 213 Caldwell Hall, U. N. C., Chapel Hill. Speaker: Professor Czeslaw Lejewski.

8:15 p.m. Student Union Major Speakers Series: Malcolm Cowley. Page Auditorium.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Tuesday, April 18

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Tom Wilson.

4:00 p.m. Joint Duke-U.N.C. Philosophy Colloquium. Room 211-A West Duke Building. Speaker: Professor Czeslaw Lejewski.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 5:30 p.m. French Table and Spanish Table. East Campus Union Building.
- 8:00 p.m. Special Biology Lectures. Room 113 Biology Building. Speaker: Dr. Wolf Vishniac.
- 8:00 p.m. Sigma Xi Lecture. Physics Auditorium. Speaker: Professor Edward C. Horn.

Wednesday, April 19

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Dick Harrington.
- 4:00 p.m. Interdisciplinary Seminar on the Biological Bases of Behavior. Hospital Amphitheater. Speaker: Dr. George H. Baker.
- 4:15 p.m. Joint Biology and Zoology Seminar. Room 113 Biology Building. Speaker: Dr. David D. Keck.
- 4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 p.m. Engineer in Training Lecture. Engineering Auditorium. Speaker: Mr. G. H. Buzzard.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Left, Right, and Centre" with Alastair Sim, Ian Carmichael, and Patricia Bredin. "Two of Britain's comedy experts in a film that is calculated to roll you in the aisles."—Wash. Daily News.
- 8:00 p.m. Duke Law Dames Meeting. Law School Lounge.
- 8:15 p.m. Faculty Club Meeting. University House on Myrtle Drive. Speaker: Mr. W. B. McGuire.

Thursday, April 20

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Herbert Sullivan.
- 11:30 a.m. Civil Engineering Seminar. Room 120 Engineering Building. Speaker: Mr. Clyde N. Holland.
- 2:30 p.m. Varsity Tennis: Duke versus University of Cincinnati. West Courts.
- 3:00 p.m. Newcomers Club Meeting. 2237 Circle Drive.
- 4:00 p.m. Graduate Faculty Meeting. Room 208 Flowers Building.
- 4:30 p.m. Joint Duke-U.N.C. Physics Colloquium. Phillips Hall, U.N.C., Chapel Hill. Speaker: Dr. Rolf Buchdahl.
- 4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

- 5:00 p.m. English Department Presentation. Music Room, East Duke Building.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, April 21

- 9:30 a.m. Graduate English Club: Renaissance Seminar. Room 208 Flowers Building. Speakers: Mrs. Josephine Waters Bennett and Professor Matthias A. Shaaber.
- 10:10 a.m. Divinity School Chapel. York Chapel. Holy Communion. Mr. M. Wilson Nesbitt, presiding.
- 12:30 p.m. Muslim Student Association Meeting. Room 207 Flowers Building.
- 2:15 p.m. Southeastern Renaissance Conference. Room 208 Flowers Building. (See special notice.)
- 2:30 p.m. Varsity Baseball. Duke versus U. N. C. Coombs Field.
- 4:00 p.m. Chemistry Staff Seminar. Room 01 Chemistry Building.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Asbury Auditorium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.
- 8:15 p.m. Loren Withers in Recital. Page Auditorium.

Saturday, April 22

- 9:30 a.m. Southeastern Renaissance Conference. Room 208 Flowers Building. (See special notice.)
- 2:30 p.m. Varsity Lacrosse: Duke versus Washington and Lee College.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Left, Right, and Centre" with Alastair Sim, Ian Carmichael, and Patricia Bredin. "Two of Britain's comedy experts in a film that is calculated to roll you in the aisles."—Wash. Daily News.

EPISCOPAL STUDENT CENTER ADDRESS

On Sunday, April 16th, at 7:30 p.m., the Rev. Albert T. Mollegen, Professor of Christian Ethics and New Testament Interpretation at the Episcopal Theological Seminary in Virginia, will deliver an address on "Anamnesis and Real Presence in the Eucharist." The address is sponsored by the Faculty Committee of the Student Center and is open to the public. Following the address, coffee will be served.

DENOMINATIONAL MEETINGS

Baptist Student Union: Sunday: 9:15 a.m., Sunday School at First, Grey Stone, Temple, and Watts Street Baptist Churches. 6:30 p.m., Training Union at above churches. **Wednesday,** 6:30 p.m., Vesper Service, East Duke Chapel.

Episcopal Student Fellowship: Holy Communion will be celebrated at the Episcopal Student Center at 9:30 a.m. Sunday by the Reverend Mr. J. W. O'Brien. Breakfast will follow. Evensong will be sung at 7:30 p.m. followed by a lecture by Dr. Albert T. Mollegen. Midweek celebrations of the Holy Communion are at 7:10 a.m. and 5:30 p.m. on Wednesdays.

Lutheran Student Association: Sunday—3:30-6:30 p.m., Recreation with picnic and fellowship at the Fox's Farm. Transportation from Chapel steps and East Circle at 3:30. There will be no regular 6:30 p.m. L. S. A. **Wednesday—7:15 and 8:00 a.m.,** Holy Communion in Chapel. Rides from Hanes House and East preceding.

Methodist Student Fellowship: Sunday—6:30 p.m., Worship Service with sermon by Don Robinson. **Wednesday,** 6:00 p.m., Service of Holy Communion.

Westminster Student Fellowship: Sunday—9:30 a.m., Presbyterian Sunday School, 2127 Myrtle Drive, 6:15 p.m., Vespers—Dr. Baker, "The Church in England." Also, election of officers. **Wednesday—6:00 p.m.,** Westminster Supper Club, East Campus Union.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Albert T. Mollegen, Professor of New Testament Language and Literature, Virginia Theological Seminary, Alexandria, Virginia, will deliver the morning sermon at the University Service of Worship on Sunday, April 16th, at 11:00 a.m. Dr. Mollegen's sermon topic will be "The Biblical Drama." The order of worship follows:

Organ Preludes—Sonata V	<i>Mendelssohn</i>
Choral and Andante	
Rhosymedre	<i>Vaughan Williams</i>
Call to Worship—"Sanctus from Mass II"	<i>Hans Leo Hassler</i>
Hymn—"For the Beauty of the Earth"	<i>Conrad Kocher</i>
Prayer of Confession	
Words of Assurance	
The Lord's Prayer	
Anthem—"The Last Words of David"	<i>Randall Thompson</i>
Scripture—Romans 5: 12-17	
Hymn—"O Word of God Incarnate"	<i>Felix Mendelssohn-Bartholdy</i>
Call to Prayer	
The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition, and Dedication	
The Offering	
Offertory Organ Interlude	
Anthem—"I Waited for the Lord"	<i>Felix Mendelssohn</i>
Response—The Doxology	
Prayer of Dedication	
Sermon—"The Biblical Drama"	
Prayer	
Benediction	
Choral Response—"Sevenfold Amen"	<i>Stainer</i>
The Chimes	
Organ Postlude—Fugue in F minor	<i>Bach</i>

WILLIAM KLENZ CELLO RECITAL

The Department of Music will present William Klenz, cellist, and Gene Saville, pianist, in recital on Sunday, April 16th, at 4:00 p.m. in the Music Room, East Duke Building. The public is cordially invited to this program which follows:

Allessandro Scarlatti	Sonata Prima (d)	Sonata Seconda (e)
	Largo	Largo
	Allegro	Allegro
	Largo	Piano
	Tempo giusto	Allegro

Sonata Terza (C)

Largo
Allegro
Amoroso
Presto

Francois Couperin	Concert
	Prelude
	Allemande
	Seconde Allemande, plus Légère
	Courante
	2eme Courante
	Sarabande tres grave, et tres marquée
	Gigue Lourée

INTERVAL

Edouard Lalo	Concerto
	I Lento, Allegro maestoso
	II Intermezzo
	III Andante, allegro vivace

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, April 17th, in Room 113 Biology Building, at 4:15 p.m. Dr. Malcolm S. Gordon, Department of Zoology, University of California at Los Angeles, will speak on a topic that will be announced later. Coffee will be served in Room 113 at 4:00 p.m. preceding the seminar.

NAVAL RESERVE MEETING

Naval Reserve Research Company 6-6 will meet in Room 135 Physics Building at 6:00 p.m. on Monday, April 17th. Dr. Marion Bryson will speak on "Inventory Control for Ordnance Depots."

All Naval Reserve officers (especially students, faculty, and staff) are invited to attend and consider affiliating with this unit. Further information can be obtained from Leland Williams, Room 306, Duke Wing ARO(D) Building, telephone 286-9265.

SPECIAL BIOLOGY LECTURES

Two lectures in the series on **Light Effects on Plants** will be delivered by Dr. Wolf Vishniac, Department of Microbiology, Yale University, New Haven, Connecticut. On Monday, April 17th, his subject will be "Reductions Catalyzed by Chloroplast Fragments," and on Tuesday, April 18th, Dr. Vishniac will speak on "Compounds Participating in Chloroplast Redox Reactions." Both lectures will be at 8:00 p.m. in Room 113 Biology Building, West Campus.

JOINT DUKE-U.N.C. PHILOSOPHY COLLOQUIUM

On Monday and Tuesday, April 17th and 18th, Professor Czeslaw Lejewski of the University of Manchester will be the guest of the Philosophy Departments at Duke and the University of North Carolina. On Monday, April 17th, at 8:00 p.m. in 213 Caldwell Hall in Chapel Hill, Professor Lejewski will speak on "A Re-examination of Russell's Theory of Descriptions." On Tuesday, April 18th, at 4:00 p.m. in 211A West Duke Building, East Campus, he will speak on "Logic and Existence." All interested members of the University Community are cordially invited to attend.

STUDENT UNION SPEAKERS SERIES MALCOLM COWLEY

Malcolm Cowley, distinguished American literary critic and author, will be the fourth person to address the University Community on the Student Union Major Speakers Series. The address, "New Myths for Old in American Writing," will be given in Page Auditorium at 8:15 p.m. on Monday, April 17th. The Speakers Series, under the auspices of the Educational Affairs Committee, is open to the public without charge.

SIGMA XI LECTURE

Professor Edward C. Horn will speak on "The Egg and I" on Tuesday, April 18th, at 8:00 p.m. in the Physics Auditorium. His research program concerns the localization of basic proteins in embryonic cells and their probable role in differentiation and development. Dr. Horn and his colleagues have recently localized histones in the cytoplasm and nucleus of larval and embryonic cells of frogs and salamanders. They are now investigating the possible interchange of these histones between the nucleus and cytoplasm and the extent to which this phenomenon occurs in other organisms.

INTERDISCIPLINARY SEMINAR ON THE BIOLOGICAL BASES OF BEHAVIOR

Dr. George H. Bishop, Laboratory of Neurophysiology, Oscar Johnson Institute, Washington University (St. Louis) School of Medicine, will be the guest of the Departments of Anatomy, Physiology, and Psychology on April 18th through 21st. On Wednesday, April 19th, at 4:00 p.m. Dr. Bishop will lecture in the Duke Hospital Amphitheater. This lecture is one in the series on the anatomical and physiological bases of behavior.

Dr. Bishop is a pioneer in the study of the nervous system by means of electrical recording and is a leading authority on the physiology of pain. Covering some of his recent ideas on the evolution of sensory systems and the central neural pathways, for pain, the title of his lecture is "Central Terminations and Physiological Behavior of the Sensory Systems (Pain, Touch, and Temperature) of the Mammal."

JOINT BIOLOGY AND ZOOLOGY SEMINAR

The joint Biology and Zoology Seminar will meet on Wednesday, April 19th, at 4:15 p.m. in Room 113 Biology Building, West Campus. Dr. David D.

Keck, Program Director for Systematic Biology, National Science Foundation, Washington, D. C., will speak on "Biological Research Centers in Southeastern Asia." Tea and coffee will be served at 4:00 p.m.

ENGINEER IN TRAINING LECTURE

The seventh in the series of Engineer in Training Exam Review Lectures will be held in the Engineering Auditorium on Wednesday, April 19th, at 7:00 p.m. Sponsored by Pi Tau Sigma, Mechanical Engineering Honorary Fraternity, the lecture will be delivered by Mr. G. H. Bazzard, Instructor in Mechanical Engineering, whose topic is to be "Kinetics." All interested persons are cordially invited.

DUKE LAW DAMES MEETING

The Duke Law Dames will meet on Wednesday, April 19th, at 8:00 p.m. in the Law School Lounge. Election of officers for the new year and a social meeting following the election will be held at this last meeting of the year.

CIVIL ENGINEERING SEMINAR

The Civil Engineering Seminar will meet on Thursday, April 20th, at 11:30 a.m. in Room 120 Engineering Building. Mr. Clyde N. Holland, Assistant Professor of Civil Engineering Department, will speak on "Some Phases of Soil Research at Duke University." He will present some results of his research in dynamic behavior of soils. This field has been of a major research interest for Mr. Holland.

All interested persons are invited.

FACULTY CLUB MEETING

The April meeting of the Duke University Faculty Club will be held in the University House (Myrtle Drive) Wednesday, April 19th, at 8:15 p.m. The meeting will constitute the annual business meeting of the Club. The speaker will be Mr. W. B. McGuire, President, Duke Power Company. Reservations must reach the Secretary not later than noon, Monday, April 17th.

NEWCOMERS CLUB MEETING

The Duke Newcomers will hold a tea and business meeting on Thursday afternoon, April 20th, at 3:00 p.m., at 2737 Circle Drive. Hostesses will be Mrs. Clarence Gohdes and Mrs. Lee Chaiken. A slate of new officers will be presented and Newcomers will also vote on proposed constitutional changes.

Those having taken baby garments home from the previous sewing meeting may also return them at this time.

GRADUATE FACULTY MEETING

There will be a Graduate Faculty Meeting on Thursday, April 20th, at 4:00 p.m. in Room 208 Flowers Building.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The Joint Duke-U.N.C. Physics Colloquium will meet Thursday, April 20th, at 4:30 p.m. in Phillips Hall, University of North Carolina, Chapel Hill. The speaker for the meeting is Dr. Rolf Buchdahl of Chemstrand Research Center whose topic will be "Physical Properties of High Polymers."

ENGLISH DEPARTMENT PRESENTATION

In conjunction with the Southeastern Renaissance Conference the English Department will present a performance of an interlude, "Johan Johan, his Wyf Tyb, and Sir Johan the Preest," on Thursday afternoon, April 20th, at 5:00 p.m. in the Music Room, East Duke Building. The cast consists of Clay Hollister, Philip Traci, and Earl McCarroll. The public is invited.

GRADUATE ENGLISH CLUB: RENAISSANCE SEMINAR

The annual seminar of the Graduate English Club will be held this year on Friday, April 21st in Room 208 Flowers Building. Being sponsored in conjunction with the Southeastern Renaissance Conference, the program will include lectures by two prominent Renaissance scholars. At 9:30 a.m. Mrs. Josephine Waters Bennett will deliver a lecture entitled "Spenser's Allegorical Methods," followed at 10:45 a.m. by Professor Matthias A. Shaaber, who will speak on "The Comic View of Life in Shakespeare."

Mrs. Bennett, Professor of English at Hunter College, is a noted authority on Spenser, her books including *The Evolution of "The Faerie Queene."*

Professor Shaaber, Chairman of the English Department of the University of Pennsylvania, has published works on Shakespeare, including *Henry the Fourth, Part Two* volume of the New Variorum Shakespeare, as well as several other works on Renaissance.

The public is cordially invited to attend.

CHILDREN'S BOOK SHOW AT EAST CAMPUS LIBRARY

"Children's Books 1958-1960," an exhibit sponsored by the American Institute of Graphic Arts, New York, will be shown at the Woman's College Library, East Campus, from April 17th through April 29th. The exhibition opened simultaneously at the Art Institute of Chicago and at the New York Public Library, where it will continue on view through May 5th. Durham is the first city outside of these two major centers to see the exhibition. It is brought here through the A.I.G.A.'s local affiliate, the Duke University Press.

SOUTHEASTERN RENAISSANCE CONFERENCE

The Southeastern Renaissance Conference will hold its 18th annual meeting on Friday and Saturday, April 21st and 22nd on the West Campus. All papers will be read in Room 208 Flowers Building and interested members of the University Community are extended a cordial invitation to attend the various sessions. The program follows:

Friday, 2:15 p.m., 208 Flowers Building

Presiding: Clifford P. Lyons, University of North Carolina

1. Skelton's Allusion to Horace in *Magnificence*
William O. Harris, Wake Forest College
2. A Sixteenth Century Lecturer: Bernard Palissy
Mary Paschal, Catawba College
3. Pietro Bembo and Maria Savorgnan
Cecil H. Clough, Columbia University
4. Dante's *Vita Nuova* as a Fictitious Autobiography
Allan H. Gilbert, Duke University and New York University

5. The Image of James I in the *Letters* of Paolo Sarpi
John L. Lievsay, University of Tennessee
 6. The Metaphysical Paradox and Jacobean Drama
Robert B. Sharpe, University of North Carolina
 7. The Star Symbol in Vaughan's Poetry
Fredson Bowers, University of Virginia
- Saturday, 9:30 a.m., 208 Flowers Building
Presiding: Milledge B. Seigler, University of South Carolina
1. The Ballad Medley in Elizabethan Dramatic Tradition
John H. Long, Greensboro College
 2. Shakespeare's Attitude Toward Cupid and Venus
Charles E. Mounts, Alabama State Teachers' College
 3. Dislocation and the Modest Demand in
A Midsummer Night's Dream
T. Walter Herbert, University of Florida
 4. Queen Gertrude's Crime
Rosamond Putzel, Woman's College, University of North Carolina
 5. Business Meeting
 6. "I'll Break My Staff . . . I'll Drown My Book"
Hoyt E. Bowen, Pfeiffer College
 7. The Composition of *King Lear*
Hardin Craig, University of Missouri
 8. The Mystery of Iniquity in *Othello*
Robert H. West, University of Georgia

CHEMISTRY STAFF SEMINAR

Dr. W. H. Eberhardt of the Georgia Institute of Technology will speak at the Chemistry Staff Seminar on Friday, April 21st, in Room 01 of the Chemistry Building at 4:00 p.m. The subject of Dr. Eberhardt's address will be "Magnetic Rotation Spectra." All interested persons are invited.

LOREN WITHERS IN PIANO RECITAL

The Department of Music will present a recital by Loren Withers, pianist, on Friday, April 21st, at 8:15 p.m. in Page Auditorium. The public is cordially invited to attend. Mr. Withers' program will be as follows:

- Two-Part Inventions.....Bach
No. 6 in E major
No. 7 in E minor
No. 8 in F major
Sonata in E-flat, K. 282.....Mozart
Adagio
Menuetto I and II
Allegro
Concert Etude in F minor.....Liszt
Concert Etude in D-flat, "Un Sospiro"
Grand Etudes after Paganini
No. 2 in E-flat
No. 3 in G-sharp minor, "La Campanella"

INTERMISSION

- Pictures at an Exhibition.....Mussorgsky
Promenade
The Gnome
Promenade
The Old Castle
Promenade
Children at Play
The Ox-Cart
Promenade
Ballet of Unhatched Chicks
Rich and Poor
The Market Place
In the Catacombs
The Old Witch of Baba Yaga
The Great Gate at Kiev

N. C. SYMPHONY MEMBERSHIPS

Faculty and staff members desiring membership forms to the N.C. Symphony may obtain these forms in 202-A Flowers Building or by calling extension 2911.

The annual concert of the N.C. Symphony will be presented in Page Auditorium on Tuesday, May 2nd, under the joint sponsorship of the Durham chapter of the N.C. Symphony and the Student Union Music and Arts Committee.

UNITED STATES GOVERNMENT GRANTS UNDER THE FULBRIGHT AND SMITH-MUNDT ACTS

The 1962-63 Programs in Australia, New Zealand, South and Southeast Asia, and Latin America under the Fulbright and Smith-Mundt Acts have been announced. Interested faculty members may look over the new bulletins in Room 220 Allen Building.

May 1st is the closing date for applications for Australia and New Zealand, but inquiries regarding awards in other areas may be submitted at any time until the country panels have been completed. Application forms and additional information may be obtained by writing directly to Conference Board of Associated Research Councils, Committee on International Exchange of Persons, 2101 Constitution Avenue, Washington 25, D.C.

GERMAN EXAMINATION FOR GRADUATE DEGREES CANDIDATES

German examinations for candidates for graduate degrees will be given May 1st through 6th. Candidates register in the Graduate School office for these examinations not later than April 19th.

MARRIAGE SEMINAR

A Marriage Seminar for couples who plan to be married within the next six to eight months will be sponsored by the Special Observances Committee of the University Religious Council on April 21st through 23rd. Mrs. Ethel M. Nash, well-known marriage counselor and Professor of Preventive Medicine, Bowman Gray School of Medicine, assisted by Dr. Eleanor B. Easley, will lead the seminar. Registration is \$1.00 per couple. Details and registration are available at the Chapel Office (West) and the Y.W.C.A. Office, 110 Faculty Apartments (East).

ANNOUNCEMENT OF 1961-'62 ARTISTS' SERIES

The 1961-'62 Duke University Artists' Series announces the following attractions for the 1961-'62 Season:

Bayanihan Philippine Dance Company

Thursday, November 30

Philadelphia Orchestra,

Eugene Ormandy Conducting Tuesday, January 9
The Robert Shaw Chorale and Orchestra

Thursday, February 1

performing Bach's "Passion According to St. John"

Leon Fleisher, Pianist

Tuesday, February 20

Elisabeth Schwarzkopf, Soprano

Friday, March 9

Season ticket reservations priced at \$8.00, \$9.00, and \$10.00 are available in 202-A Flowers Building, by calling Extension 2911 or by writing Box KM, Duke Station.

CALENDAR CHANGE

Please note that the concert of the Woman's Chorus scheduled for Thursday, April 20th, in Woman's College Auditorium was changed to combine with the Women's Glee Club Concert on Saturday, April 15th.

UNIVERSITY OFFICIAL EXAMINATION SCHEDULE

Spring Semester, 1961

ANY STUDENT HAVING A SCHEDULE OF THREE EXAMS WITHIN TWENTY-FOUR HOURS OR TWO EXAMS AT THE SAME TIME MUST REPORT TO THE DEANS' OFFICE NOT LATER THAN APRIL 22 TO REQUEST A CHANGE IN SCHEDULE.

Thursday		
May 18	7:00 p.m.	PHYSICAL EDUCATION
Friday	Undergraduate	
May 19	Reading Period	
Saturday	9:00-12:00 a.m.	TTS, FOURTH PERIOD
May 20	2:00- 5:00 p.m.	English 1, 2
Monday	9:00-12:00 a.m.	TTS, THIRD PERIOD
May 22	2:00- 5:00 p.m.	All Languages 1, 2 & Engineering 2.1-2.4
Tuesday	9:00-12:00 a.m.	TTS, SECOND PERIOD
May 23	2:00- 5:00 p.m.	Chemistry 2
	7:00-10:00 p.m.	Philosophy 48, 49
Wednesday	9:00-12:00 a.m.	TTS, FIRST PERIOD
May 24	2:00- 5:00 p.m.	Physics 2, 42
	7:00-10:00 p.m.	Botany 2
Thursday	9:00-12:00 a.m.	MWF, FOURTH PERIOD
May 25	2:00- 5:00 p.m.	Mathematics 21, 53
	7:00-10:00 p.m.	Economics 58
Friday	9:00-12:00 a.m.	MWF, THIRD PERIOD
May 26	2:00- 5:00 p.m.	History 2, E2, 2X
	7:00-10:00 p.m.	Air Science
Saturday	9:00-12:00 a.m.	MWF, SECOND PERIOD
May 27	2:00- 5:00 p.m.	TTS, SIXTH PERIOD
Monday	9:00-12:00 a.m.	MWF, FIRST PERIOD
May 29		(Zool. 2)
	2:00- 5:00 p.m.	French 64 & Spanish 64 & Engineering 2.5-2.8
Tuesday	9:00-12:00 a.m.	MWF, SIXTH PERIOD
May 30	2:00- 5:00 p.m.	Religion 2
	7:00-10:00 p.m.	Mathematics 22
Wednesday	9:00-12:00 a.m.	MWF, FIFTH PERIOD &
May 31		Naval Science
	2:00- 5:00 p.m.	Political Science 11, 12, 62

ENGINEERING COURSES, OTHER THAN ENGINEERING 2, WILL MEET FOR EXAMINATION AT THE REGULAR CLASS PERIODS.

Chemistry (except Chemistry 2) and Zoology Classes meet for examination at the time scheduled for their general lecture period. ANY EXAMINATION NOT COVERED IN THE FOREGOING SCHEDULE IS TO BE ARRANGED BY THE INSTRUCTOR IN CHARGE OF THE COURSE IN THE PERIOD BEGINNING May 20, 9:00 a.m., AND ENDING May 31, 5:00 p.m. NO EXAMINATION IS TO BE GIVEN BEFORE 9:00 a.m., May 20, WITH THE EXCEPTION OF PHYSICAL EDUCATION. NO CHANGE IS TO BE MADE IN ANY SCHEDULED EXAMINATION WITHOUT THE APPROVAL OF THE COMMITTEE.

UNIVERSITY SCHEDULE COMMITTEE

WEEK OF
April 23-29, 1961

CALENDAR

WEEK OF
April 23-29, 1961

OF

DUKE UNIVERSITY



Events of the Week

Sunday, April 23

Denominational Meetings. See special notice.

- 10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.
- 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor Stuart C. Henry, Duke Divinity School. Sermon: "The Unlearned Lesson." Broadcast over Radio Station WDNC and WDNC-FM.
- 4:00 p.m. Chancel Singers Concert. Woman's College Auditorium.

Monday, April 24

- 2:00 p.m. Final examination of Mr. Robert D. Martin for the Ed.D. degree. Room 6A West Duke Building.
- 4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Professor Walter A. Rosenblith.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:30 p.m. The final examination of Mr. Robert O. Tilman for the Ph.D. degree in Political Science. Room 103 Library.

- 8:00 p.m. Special Botany Lecture. Room 113 Biology Building. Speaker: Dr. André Jagendorf.
- 8:15 p.m. The final examination of Mr. Edward David Watt for the Ph.D. degree in Political Science. Room 103 Library.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:30 p.m. Student Union Surprise Concert: Mike Seeger, Appalachian Folk Singer. Woman's Auditorium.

Tuesday, April 25

- 10:00 a.m. Law School Address. Law School Courtroom. Speaker: Mr. Stephen P. Kennedy.
- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Richard A. Goodling.
- 2:00 p.m. The final examination of Mr. John Ralph Scudder for the Ed.D. degree. Room 08A West Duke Building.
- 4:15 p.m. Special Zoology Seminar. Room 113 Biology Building. Speaker: Dr. Daniel A. Livingstone.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15 p.m. Beginning Tennis Classes. East Campus Gymnasium.

5:30 p.m. French and Spanish Table. East Campus Union Building.

6:45 p.m. Kappa Delta Pi Initiation. President's Room, Woman's College Auditorium. Speaker: Dr. W. H. Cartwright.

7:30 p.m. Student Branch AIEE-IRE Meeting. Room 212 Engineering Building.

8:00 p.m. Special Botany Lecture. Room 113 Biology Building. Speaker: Dr. André Jagendorf.

8:15 p.m. Student Union Speaker Series: General Thomas D. White. Page Auditorium.

8:15 p.m. Junior Piano Recital: Jane Bowness. Asbury Auditorium.

Wednesday, April 26

9:00 a.m. The final examination of Mr. Charles K. Franzen for the Ed.D. degree. Room 08A West Duke Building.

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. Richard A. Goodling.

11:00 a.m. Divinity School Assembly. York Chapel. Speaker: Dr. Thomas Cordle.

12:30 p.m. U.R.C. Luncheon Meeting. Men's Graduate Center.

2:00 p.m. The final examination of Mr. Richard Lee Zuber for the Ph.D. degree in History. Library Conference Room.

3:30 p.m. The final examination of Mr. Earl Waters Porter for the Ph.D. degree in History. Room 235 Allen Building.

4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:00 p.m. Engineer in Training Lecture. Engineering Auditorium. Speaker: Professor James W. Williams.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Jazz on a Summers Day," a remarkable blending of sight and sound in Color with Louis Armstrong, Mahalia Jackson, Gerry Mulligan, Dinah Washington, George Shearing, Chico Hamilton, Anita O'Day, Jack Teagarden, and Theolonius Monk. "Wonderful . . . deserves large audiences"—Sat. Review. "Great"—N.Y. Times.

8:00 p.m. Hillel Society Address. Music Room East Duke Building. Speaker: Dr. Bernard Glueck.

Thursday, April 27

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Dwight Moore.

11:30 a.m. Civil Engineering Seminar. Room 120 Engineering Building. Speaker: Mr. Armand Sanver.

3:00 p.m. The final examination of Mr. Alan Wayne Gragg for the Ph.D. degree in Religion. Room 112 Divinity School.

4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, April 28

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Eddie Williams.

12:30 p.m. Muslim Student Association. 207 Flowers Building.

3:00 p.m. Joe College Parade. Assembly area Durham Ball Park, proceed up Foster to Chapel Hill to Main passing East Campus at 3:30 p.m.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Asbury Auditorium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.

5:00-7:00 p.m. Exchange Picnic for Joe College. East Campus.

8:15 p.m. Hoof 'n' Horn Show: "The Boy Friend." Page Auditorium.

9:00 p.m.-1:00 a.m. Shoe 'n' Slipper Dance (Informal). Indoor Stadium. Count Basie and His Orchestra.

Saturday, April 29

9:00 a.m.-1:00 p.m. Law Day Seminar. Page Auditorium. Panel Speakers: Messrs. Leon L. Rice, Jr., N. L. Smith, J. Carlton Fleming, and Hugh G. Isley, Jr.

2:00 p.m. Joe College Lawn Concert: The Brothers Four with the Duke Ambassadors. West Campus Quadrangle.

6:00 p.m. Law Day Banquet. West Union. Speaker: Justice William O. Douglas.

8:15 p.m. Hoof 'n' Horn Show: "The Boy Friend." Page Auditorium.

9:00-12:00 p.m. Law School Dance. Elks Club.

DENOMINATIONAL MEETINGS

Baptist Student Union: Sunday—9:15 a.m., Sunday School at First, Grey Stone, Temple, and Watts Street Baptist Churches. 6:30 p.m., Training Union at above churches. **Wednesday**, 6:30 p.m., Vesper Service, East Duke Chapel.

Episcopal Student Fellowship: Holy Communion will be celebrated by the Reverend Mr. J. W. O'Brien Sunday at 9:30 a.m. at the Episcopal Student Center. Breakfast will follow. Evensong will be sung at 6:30 p.m. followed by a dinner-discussion. Midweek celebrations of the Holy Communion are at 7:10 a.m. and 5:30 p.m. Wednesdays.

Lutheran Student Association: Sunday—6:30 p.m., 208 Flowers Building. Bob Hyatt, Associate Director of Religious Life, West Campus will speak on, "Television's Image of Man." **Wednesday**, 7:15 and 8:00 a.m., Holy Communion in Memorial Chapel (West). Rides preceding from East and Hanes Corner.

Methodist Student Fellowship: Sunday—6:30 p.m., Worship Service. **Wednesday**, 6:00 p.m., Service of Holy Communion.

Westminster Student Fellowship: Sunday—9:30 a.m., Presbyterian Sunday School, 2127 Myrtle Drive, 6:15 p.m., Vespers. **Wednesday**—6:00 p.m., Westminster Supper Club, East Campus Union.

Unitarian Fellowship: At the home of Professor and Mrs. Charles A. Baylis, 601 E. Markham Avenue. Speaker: Dr. Gelolo McHugh. Topic: "Anxiety."

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Stuart C. Henry, Associate Professor of American Christianity, The Divinity School, will deliver the morning message on Sunday, April 23rd, at 11:00 in the University Chapel. His sermon topic will be "The Unlearned Lesson."

Presiding Minister: The Reverend Howard C. Wilkinson,
Chaplain to the University

Organ Preludes—Sketch in F minor *Schumann*
Two Chorale Preludes *Karg-Elert*

Call to Worship—"Sanctus from Mass II" *Hans Leo Hassler*

Hymn—"Joyful, Joyful, We Adore Thee" *Ludwig van Beethoven*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Scripture—John I: 1-18

Hymn—"The Church's One Foundation" *Samuel S. Wesley*

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving,

Intercession, Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Here Yet Awhile" *J. S. Bach*

Response—The Doxology

Prayer of Dedication

Sermon—"The Unlearned Lesson"

Prayer

Benediction

Choral Response—"Sevenfold Amen" *Stainer*

The Chimes

Organ Postlude—Sketch in C *Schumann*

CHANCEL SINGERS CONCERT

The Duke University Chancel Singers under the direction of Professor Paul Young, Director of Choral Activities, will present their annual concert on Sunday, April 23rd, at 4:00 p.m. in the Woman's College Auditorium. The program will consist of two major works:

Liebeslieder Walzer

Johannes Brahms

Magnificat

J. S. Bach

Soloists, graduate and undergraduate students, will be Peggy McLarty, Nancy Pope, Tom Burns, Libba Herbert, Bill Friday, Charlie Ayers, and Jeanette Glass. The singers will be accompanied by Mr. William E. Waters, Assistant Director of Choral Activities.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. Robert D. Martin for the Ed.D. degree will take place on Monday, April 24th, at 2:00 p.m. in Room 6A West Duke Building. The subject of Mr. Martin's dissertation is "The Union School Principal in North Carolina." The examining committee will consist of Professors W. A. Stumpf, E. C. Bolmeier, John W. Carr, Jr., W. H. Cartwright, and Edgar Thompson, with Professor Stumpf presiding.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, April 24th, in Room 113 Biology Building, at 4:15 p.m. Professor Walter A. Rosenblith, Department of Electrical Engineering, Massachusetts Institute of Technology, will speak on "Sensory Performance of Organisms." Coffee will be served in Room 113 at 4:00 p.m. preceding the seminar.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Robert O. Tilman for the Ph.D. degree in Political Science will take place on Monday, April 24th, at 7:30 p.m. in Room 103 Library. Mr. Tilman's dissertation is on the subject of "The Public Services of the Federation of Malaya." On the examining committee will be Professors Robert R. Wilson, John H. Hallowell, Albert Sturm, Richard S. Wheeler, and Donald G. Gillin, with Professor Wilson presiding.

SPECIAL BOTANY LECTURES

Two lectures in the series on Light Effects on Plants will be delivered by Dr. Andre Jagendorf, McCollum-Pratt Institute, Johns Hopkins University, Baltimore, Maryland. On Monday, April 24th, his subject will be "Electron Transport Patterns in Isolated Chloroplasts," and on Tuesday, April 25th, Dr. Jagendorf will speak on "Considerations on the Mechanism for ATP Formation by Chloroplasts." Both lectures will be at 8:00 p.m. in Room 113 Biology Building.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Edward David Watt for the Ph.D. degree in Political Science will take place on Monday, April 24th, at 8:15 p.m. in Room 103 Library. The subject of Mr. Watt's dissertation is "Acton's Concept of Freedom." The examining committee will consist of Professors John H. Hallowell, William Livingston, Robert R. Wilson, William Hamilton, and Robert S. Smith, with Professor Hallowell presiding.

S. U. SURPRISE CONCERT MIKE SEEGER

Mike Seeger, Appalachian Folk Singer, will give a concert on Monday, April 24th, at 8:30 p.m. in the Woman's College Auditorium. Mr. Seeger is a fine instrumentalist as well as singer and is known for his particular speciality of Appalachian folk songs. The concert is open to the public without charge. Faculty members are especially invited to attend with their families.

LAW SCHOOL ADDRESS

Mr. Stephen P. Kennedy, LL.B. from New York University and former Commissioner of Police, City of New York, will address the University Community in the courtroom of the Law School on Tuesday, April 25th, at 10:00 a.m.

The public is cordially invited to attend this lecture.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. John Ralph Scudder for the Ed.D. degree will take place on Tuesday, April 25th, at 2:00 p.m. in Room 08A West Duke Building. The subject of Mr. Scudder's dissertation is "A History of Disciple Theories of Religious Education." Members of the examining committee will be Professors William H. Cartwright, E. C. Bolmeier, Robert M. Colver, Allan S. Hurlburt, and I. B. Holley, Jr., with Professor Cartwright presiding.

SPECIAL ZOOLOGY SEMINAR

The Zoology Department will hold a special seminar on Tuesday, April 25th, in Room 113 Biology Building, at 4:15 p.m. Dr. Daniel A. Livingstone will talk about his recent field trips in East Africa and show some of his slides.

BEGINNING TENNIS CLASSES SPONSORED BY WOMEN'S PHYSICAL EDUCATION DEPARTMENT

Beginning tennis classes for women faculty, staff, and faculty wives will begin Tuesday, April 25th, at 5:15 p.m. at the East Campus Gymnasium. Classes will be conducted on Tuesday and Thursday for a period of from four to six weeks. Necessary equipment and attire: tennis racket and tennis shoes.

KAPPA DELTA PI INITIATION

The Initiation ceremony of Pappa Delta Pi will be held on Tuesday, April 25th, at 6:45 p.m. in the President's Room, Woman's College Auditorium. Dr. W. H. Cartwright will address the group.

STUDENT BRANCH AIEE-IRE MEETING

A meeting of the student branch of the AIEE-IRE will be held on Tuesday, April 25th, at 7:30 p.m. in Room 212 Engineering Building. A panel discussion involving the question, "What is an Engineer?" will be presented by persons from the disciplines and professions of Engineering, History, Religion, Sociology, and Psychology. The panelists will be: Dr. John Artley, Dr. I. B. Holley, Jr., Dr. Robert Osborn, Dr. Herman Turk, and Dr. Henry Weitz.

All interested persons of the University Community are invited to attend.

STUDENT UNION SPEAKERS SERIES GENERAL THOMAS D. WHITE

The final speaker for the year in the the S. U. Speakers Series will be General Thomas Dresser White, Chief of Staff, United States Air Force, who will address the University Community on Tuesday, April 25th, at 8:15 p.m. in Page Auditorium. The public is cordially invited to the lecture and to the informal reception to follow in Flowers Lounge.

JUNIOR PIANO RECITAL

The Department of Music will present a junior recital by Jane Bowness, pianist, on Tuesday, April 25th, at 8:15 p.m. in Asbury Auditorium. Miss Bowness is a student of Loren Withers. The public is cordially invited to attend. Her program will be as follows:

Partita No. 1 in B-flat major	Bach
Praeludium	
Allemande	
Sarabande	
Gigue	
Variations on a Theme by Haydn for Two Pianos (Miss Bowness and Mr. Withers)	Brahms
Suite Pour le Piano	Debussy
Prelude	
Sarabande	
Minstrels	Debussy
Scherzo in B-flat minor, Op. 31	Chopin

CIVIL ENGINEERING SEMINAR

The Civil Engineering Seminar will meet on Thursday, April 27th, at 11:30 a.m. in Room 120 Engineering Building. Mr. Armagan Sanver, part-time instructor and graduate student of Civil Engineering, will speak on "The Triaxial Test—Its Current Status in Soil Testing." All interested persons are invited.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. Charles K. Franzen for the Ed.D. degree will take place on Wednesday, April 26th, at 9:00 a.m. in Room 08A West Duke Building. The subject of Mr. Franzen's dissertation is "Life Adjustment Education: Basic Concepts, Antecedents, and Later Manifestations." The examining committee will consist of Professors William H. Cartwright, E. C. Bohueier, Allan S. Hurlburt, Olan L. Petty, and Donald F. Roy, with Professor Cartwright presiding.

URC LUNCHEON MEETING

An informational meeting sponsored by the Faculty Program Committee of the University Religious Council will be held at 12:30 p.m. on Wednesday, April 26th, in the Men's Graduate Center. Luncheon may be secured by going through the regular cafeteria line and taking trays to Room A.

The program will consider the human relations in the Durham area with the following divisions:

- 1) "Objectives and Results of Picketing Downtown Durham Businesses"—Dr. Neal Hughley, Dept. of Economics and College Minister, North Carolina College in Durham.
- 2) "Faculty Participation in the Picketing"—Dr. Robert Osborn, Department of Religion, Duke.
- 3) "A Sociologist's Perspective"—Dr. Kurt Back, Department of Sociology, Duke.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Richard Lee Zuber for the Ph.D. degree in History will take place on Wednesday, April 26th, at 2:00 p.m. in the Library Conference Room. The subject of Mr. Zuber's dissertation is "Jonathan Worth—A Biography of a Southeru Unionist." On the examining committee will be Professors Robert H. Woody, Alan K. Manchester, Arthur B. Ferguson, Theodore Ropp, and Clarence Gohdes, with Professor Woody presiding.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Earl Waters Porter for the Ph.D. degree in History will take place on Wednesday, April 26th, at 3:30 p.m. in Room 235 Allen Building. The subject of Mr. Porter's dissertation is "A History of Trinity College, 1892-1924 Foundations of Duke University." Members of the examining committee will be Professors Richard L. Watson, Jr., Robert F. Durden, William B. Hamilton, John S. Curtiss, and Robert H. Connery, with Professor Watson presiding.

ENGINEER IN TRAINING LECTURE

The eighth in the series of Engineer in Training Exam Review Lectures will be held in the Engineering Auditorium on Wednesday, April 26th, at 7:00 p.m. Sponsored by Pi Tau Sigma, Mechanical Engineering Honorary Fraternity, the lecture will be delivered by Professor James W. Williams, whose topic will be "Hydraulics." All interested persons are cordially invited.

HILLEL SOCIETY ADDRESS

The Duke Hillel Society will sponsor an address by Dr. Bernard Glueck on Wednesday, April 26th, at 8:00 p.m. in the Music Room of East Duke Building. Dr. Glueck, Chief Psychiatric Consultant to the Commissioner of Public Health and Hospitals Board of Control of the State of North Carolina and Clinical Professor of Psychiatry in the School of Medicine of the University of North Carolina. He will speak on "Toward Moral Maturity." The meeting is open to the public.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Alan Wayne Gragg for the Ph.D. degree in Religion will take place on Thursday, April 27th, at 3:00 p.m. in Room 112 Divinity School. Mr. Gragg's dissertation is "Formative Influences on the Development of the Religious Humanism of George Burman Foster." Members of the examining committee will be Dean Robert E. Cushman, Chairmau, and Professors Hugh Anderson, Waldo Beach, H. Shelton Smith, and Paul Welsh.

HOOF 'N' HORN SHOW "THE BOY FRIEND"

The Hoof 'n' Horn Show, an annual presentation for Joe College Week-end, will be a musical comedy **The Boy Friend**, written by Sandy Wilson and directed in this production by Earl McCarroll, '61. In this parody on British musical comedies of the 1920's, flappers and shieks are affectionately portrayed and delightfully spoofed. The action is given a coutinental touch with its cast of perfect young ladies (English) at a Riviera finishing school and their boy friends (French and American). A special feature of the production will be the dances of the cast, choreographed by Bill Nickle, '62.

The Boy Friend will be presented Friday and Saturday nights, April 28th and 29th, at 8:15 p.m. in Page Auditorium. Tickets priced at \$1.00, \$1.25, and \$1.75, will be on sale every afternoon starting Monday, April 24th, in the Page Box Office. Reservations may be made during box office hours by calling extension 2911.

LAW DAY PROGRAM

Law Day 1961 will be celebrated on Saturday, April 29th, with registration beginning at 8:00 a.m. in the Law School Library. A workshop on **Strategy and Tactics in Tax Cases** will be conducted in Page Auditorium with four distinguished tax specialists—all alumni of the Law School. They are: Leon L. Rice, Jr., '36 of Winston-Salem, Numa L. Smith, Jr., '41 of Washington, D.C., J. Carlton Fleming '51 of Charlotte, and Hugh G. Isley, Jr., '53 of Fort Lauderdale, Florida. The workshop will be open to all North Carolina lawyers as well as to the Duke Law Alumni and students.

At 6:00 p.m. a banquet will be held at which William O. Douglas, Associate Justice, U.S. Supreme Court, will address the group. The guest of honor will be Dr. Dale F. Stansbury who is retiring from the faculty after fifteen years of service. Notice of election of one honorary member of the Duke Chapter of the Order of the Coif will be made and officers of the Alumni Association will be elected.

ADVANCE NOTICE PIANO RECITAL ALICE WILKINSON

The Department of Music will present a recital by Alice Wilkinson, pianist, on Sunday, April 30th, at 4:00 p.m. in the Music Room East Duke Building. The public is cordially invited to attend.

Mrs. Wilkinson's program will be as follows:

Intermezzo in B minor, Op. 119, No. 1	Brahms
Intermezzo in E minor, Op. 119, No. 2	
Sonata in C, Op. 2, No. 3	Beethoven
Allegro con brio	
Adagio	
Scherzo	
Allegro assai	

Intermission

Visions Fugitives, Op. 22, Nos. 1, 6, 10, 11	Prokofieff
Papillons, Op. 2	Schumann
Ballade in A-flat, Op. 47	Chopin

ACADEMIC APPAREL

Members of the Faculty and Staff wishing to rent academic apparel for commencement exercises June

5th should place their order with the Duke University Store Office prior to May 12th. Delivery cannot be assured on orders placed after May 12th.

To place an order for rental apparel, call extension 2344.

QUADRANGLE PICTURE NOTICE

Quadrangle Pictures will be closed on Saturday, April 29th in order for the Hoof 'n' Horn Club to present their annual musical comedy, "The Boy Friend."

ANNOUNCEMENT OF 1961-'62 ARTISTS' SERIES

The 1961-'62 Duke University Artists' Series announces the following attractions for the 1961-'62 Season:

Bayanihan Philippine Dance Company	Thursday, November 30
Philadelphia Orchestra, Eugene Ormandy Conducting	Tuesday, January 9
The Robert Shaw Chorale and Orchestra	Thursday, February 1
performing Bach's "Passion According to St. John"	
Leon Fleisher, Pianist	Tuesday, February 20
Elisabeth Schwarzkopf, Soprano	Friday, March 9

Season ticket reservations priced at \$8.00, \$9.00, and \$10.00 are available in 202-A Flowers Building, by calling Extension 2911 or by writing Box KM, Duke Station.

N. C. SYMPHONY MEMBERSHIPS

Faculty and staff members desiring membership forms to the N.C. Symphony may obtain these forms in 202-A Flowers Building or by calling extension 2911.

The annual concert of the N.C. Symphony will be presented in Page Auditorium on Tuesday, May 2nd, under the joint sponsorship of the Durham chapter of the N.C. Symphony and the Student Union Music and Arts Committee.

WEEK OF
April 30-May 6, 1961

CALENDAR

WEEK OF
April 30-May 6, 1961

OF

DUKE UNIVERSITY



Events of the Week

Sunday, April 30

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor Robert E. Cushman, Dean of the Divinity School. Sermon: "Blessed Are the Meek." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Faculty Concert: Alice Wilkinson, pianist. Music Room, East Duke Building.

Monday, May 1

3:00 p.m. The final examination of Mr. Donald Leight Williams for the Ph.D. degree in Religion. Library Conference Room.

4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Dr. J. H. Woodger.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

6:00 p.m. Naval Reserve Meeting. Room 135 Physics Building. Speaker: Dr. H. J. Humm.

8:00 p.m. Special Biology Lecture. Room 113 Biology Building. Speaker: Dr. A. A. Benson.

8:00 p.m. Erasmus Club Meeting. Green Room, East Duke Building. Speaker: Professor C. H. Womble.

8:00 p.m. Russian Club Meeting. Room 204 Flowers Building.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Tuesday, May 2

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Bishop Paul Hardin, Jr.

12:00 m-1:00 p.m. Council on Gerontology Open Seminar. Hospital Amphitheatre. Speaker: Dr. Nathan W. Shock.

4:00 p.m. Mathematics Departmental Seminar. Room 135 Physics Building. Speaker: Dr. Sidney Addelman.

4:00 p.m. The final examination of Mr. Samuel R. Bright, Jr., for the Ph.D. degree in History. Room 235 Allen Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15 p.m. Beginning Tennis Classes. East Campus Gymnasium.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 5:30 p.m. French and Spanish Table. East Campus Union Building.
- 8:00 p.m. Special Biology Lecture. Room 113 Biology Building. Speaker: Dr. A. A. Benson.
- 8:15 p.m. North Carolina Symphony Concert. Page Auditorium.

Wednesday, May 3

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. M. Wilson Nesbitt.
- 2:00 p.m. The final examination of Mr. Charles H. Williams, Jr., for the Ph.D. degree in Biochemistry. Room 262 Bell Building.
- 2:00 p.m. Law School Address. Law School Court Room. Speaker: Dr. Hans Baade.
- 4:15 p.m. Botany Seminar. Room 113 Biology Building. Speaker: Mrs. Heleue Laws.
- 4:30 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 114 Physics Building. Speaker: Dr. Vincent Jaccarino.
- 4:30 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 6:00 p.m. University Religious Council Meeting. Men's Graduate Center.
- 7:00 p.m. Engineer in Training Lecture. Engineering Auditorium. Speaker: V. L. Kenyon.
- 7:00 & 9:05 p.m. Quadrangle Pictures. Page Auditorium. "Othello" A cultural exchange film from the Soviet Union in color with a musical score by Khachaturian. "Strikingly effective"—N. Y. Times. "An impressive spectacle! Done in the grand manner"—Jack Landau, Amer. Shakespeare Festival Theatre and Academy.
- 8:15 p.m. Spring Concert: Madrigal Group. Music Room, East Duke Building.

Thursday, May 4

- Varsity Golf: Duke versus University of Virginia. Duke Golf Course.
- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Jim McDonald.
- 11:30 a.m. Civil Engineering Seminar. Room 120 Engineering Building. Speaker: Dr. Frank J. Murray.
- 1:15 p.m. The final examination of Mr. Don Courtney Piper for the Ph.D. degree in Political Science. Room 103 Library.
- 3:30 p.m. The final examination of Miss Janet Winecoff for the Ph.D. degree in Romance Languages. Library Conference Room.
- 4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.

- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. YWCA Film: "Operation Abolition." Woman's College Auditorium. Discussion Leader: Dr. Glenn Negley.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, May 5

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Bill Lane.
- 12:30 p.m. Muslim Student Association. 207 Flowers Building.
- 1:30 p.m. The final examination of Mr. Dan S. Jackson, Jr., for the Ed.D. degree. Room 08A West Duke Building.
- 2:00 p.m. The final examination of Mr. John D. Stark for the Ph.D. degree in History. Library Conference Room.
- 2:00 p.m. The final examination of Mr. Joseph L. Morrison for the Ph.D. degree in History. Room 235 Allen Building.
- 2:30 p.m. Varsity Baseball: Duke versus University of S. C. Coombs Field.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Asbury Auditorium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.
- 8:15 p.m. Senior Piano Recital: Judith Kellett. Asbury Auditorium.
- 8:15 p.m. Duke Players Reading: "Under Milk Wood." Branson Hall.

Saturday, May 6

- 8:30 a.m.-2:00 p.m. Duke School of Nursing Scholarship Finals. Hanes House.
- 9:30 a.m. The final examination of Mr. Jack D. Lawrie for the Ed.D. degree. Room 08A West Duke Building.
- 2:30 p.m. Varsity Baseball: Duke versus Clemson College. Coombs Field.
- 7:00 and 9:05 p.m. Quadrangle Pictures. Page Auditorium. "Othello" A cultural exchange film from the Soviet Union in color with a musical score by Khachaturian. "Strikingly effective"—N. Y. Times. "An impressive spectacle! Done in the grand manner"—Jack Landau, Amer. Shakespeare Festival Theatre and Academy.
- 8:15 p.m. Duke Players Reading: "Under Milk Wood." Branson Hall.

DENOMINATIONAL MEETINGS

Baptist Student Union: Sunday—9:15 a.m., Sunday School at First, Grey Stone, Temple, and Watts Street Baptist Churches. 6:30 p.m., Training Union at above churches. **Wednesday**, 6:30 p.m., Vesper Service, East Duke Chapel.

Lutheran Student Association: Sunday—6:30 p.m., 208 Flowers, Little Ashram (Southeastern U. S. Intercollegiate Lutheran Conference near Asheville) report.

Wednesday—7:15 a.m. and 8:00 a.m., Holy Communion in Chapel.

Methodist Student Fellowship: Sunday—6:30 p.m., Worship service with sermon by Don Robinson. 8:15 p.m., Sunday-Tuesday, "The Glass Menagerie" by Tennessee Williams, presented by the Wesley Players, and directed by Miss Margaret Rouse. **Wednesday**—6:00 p.m., Celebration of Holy Communion.

Westminster Student Fellowship: Sunday—9:30 a.m., Sunday School, 2127 Myrtle Drive. 5:45 p.m., Meet at the Ark for rides to Chaplain's house for party and cook-out. **Wednesday**—6:00 p.m., Westminster Supper Club, East Campus Union.

UNIVERSITY SERVICE OF WORSHIP

The regular Sunday Morning University Service of Worship will be held in the University Chapel on April 30th at 11:00. The Reverend Professor Robert E. Cushman, Dean of the Divinity School, will deliver the sermon entitled "Blessed Are the Meek." The order of worship will be as follows:

Presiding Minister—The Reverend Professor James T. Cleland,
Dean of the Chapel.

Organ Preludes—Psalm XX *Marcello*
"Andante" from Concerto I *Handel*

Call to Worship—"Sanctus from Mass II" *Hans Leo Hassler*
Hymn—"We Lift Our Hearts to Thee" (36) *Garret Wellesley*

Prayer of Confession
Words of Assurance
The Lord's Prayer
Anthem—"Gloria in Exeelsis" *W. A. Mozart*
Hymn—"O Thou Who Camest from Above" (334) *Johann H. Schein*

Call to Prayer
The Pastoral Prayer of Adoration, Thanksgiving,
Intercession, Petition and Dedication
The Offering
Offertory Organ Interlude
Anthem—"Have Lightnings and Thunders" *J. S. Bach*
(from *The Passion of St. Matthew*)

Response—The Doxology
Prayer of Dedication
Sermon—"Blessed Are the Meek"
Prayer
Benediction
Choral Response—"Sevenfold Amen" *Stainer*
The Chimes
Organ Postlude—"Toccata" from Symphony V *Widor*

FACULTY CONCERT ALICE WILKINSON, PIANIST

The Department of Music will present a recital by Alice Wilkinson, pianist, on Sunday, April 30th, at

4:00 p.m. in the Music Room, East Duke Building. The Public is cordially invited to attend.

Mrs. Wilkinson's program will be as follows:

Intermezzo in B minor, Op. 119, No. 1 *Brahms*

Intermezzo in E minor, Op. 119, No. 2

Sonata in C, Op. 2, No. 3 *Beethoven*

Allegro con brio

Adagio

Scherzo

Allegro assai

Intermission

Visions Fugitives, Op. 22, Nos. 1, 6, 10, 11 *Prokofieff*

Papillons, Op. 2 *Schumann*

Ballade in A-flat, Op. 47 *Chopin*

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Donald Leigh Williams for the Ph.D. degree in Religion will be held on Monday, May 1st, at 3:00 p.m. in the Library Conference Room. The subject of Mr. Williams' dissertation will be "Zepaniah: A Re-Interpretation." The committee to conduct the examination will consist of Professors W. F. Stinespring, Kenneth Clark, Hugh Anderson, John Strugnell, and R. S. Rogers. Professor Stinespring will preside.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, May 1st, Room 113 Biology Building at 4:15 p.m. Dr. J. H. Woodger, Emeritus Professor of Biology, Middlesex Hospital Medical School, University of London, will speak on **Methods and Results**. Coffee and tea will be served in Room 113 at 4:00 preceding the seminar.

NAVAL RESERVE MEETING

Naval Reserve Research Company 6-6 will meet in Room 135 Physics Building, at 6:00 p.m. on Monday, May 1st. Dr. H. J. Humm will speak on "Productivity of the Sea." All Naval Reserve officers (especially students, faculty and staff) are invited to attend and consider affiliating with this unit. Further information can be obtained from Leland Williams, Room 306 Duke Wing ARO (D) Building, telephone 286-9265.

SPECIAL BIOLOGY LECTURES

Two lectures in the series on "Light Effects on Plants" will be delivered by Dr. A. A. Benson, Department of Agricultural and Biological Chemistry, Pennsylvania State University, University Park, Pennsylvania. On Monday, May 1st his subject will be "Lipid Structure and Function in the Chloroplast," and on Tuesday, May 2nd, Dr. Benson will speak on "Sulphocarbohydrate Metabolism in Photosynthetic Tissues." Both lectures will be at 8:00 p.m. in Room 113 Biology Building.

ERASMUS CLUB MEETING

The Erasmus Club will meet at 8:00 p.m. on Monday, May 1st, in the Green Room, East Duke Building. The speaker will be Professor C. H. Womble of the Department of Latin, who will speak on "Word Repetition and Structure in the Odes of Horace: Odes II, 16 and 18."

Election of officers will be held, and the winner of the Erasmus Club Prize will be announced. A cordial welcome is extended to all members and their guests.

RUSSIAN CLUB MEETING

The Russian Club will meet in Room 204 Flowers Building, at 8:00 p.m., Monday, May 1st. All interested members of the University Community are invited to attend.

COUNCIL ON GERONTOLOGY SEMINAR

The Duke University Council on Gerontology Seminar will be held on Tuesday, May 2nd, from 12:00 to 1:00 p.m., in the Duke Hospital Amphitheatre. Dr. Nathan W. Shock, speaker for the Seminar, is Chief of the Gerontology Branch, National Heart Institute, Baltimore City Hospitals, President of the Gerontological Society, Chairman of the Research Committee, Circulation Section, American Heart Association, and was Recipient of the 1960 Award by **Modern Medicine**. Dr. Shock's subject will be "Some physiological Aspects of Aging." All interested persons are invited to attend.

MATHEMATICS DEPARTMENTS SEMINAR

The Mathematics Department will sponsor a seminar to be held on Tuesday, May 2nd, at 4:00 p.m. in Room 135 Physics Building. Dr. Sidney Addelman of the Research Triangle will speak on the topic "Orthogonal Main Effect Plans." Coffee will be served at 3:30 in Room 132.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Samuel R. Bright, Jr., for the Ph.D. degree in History will be held on Tuesday, May 2nd, at 4:00 p.m. in Room 235 Allen Building. The subject of Mr. Bright's dissertation will be "Confederate Coast Defense." The committee to conduct the examination will consist of Professors Theodore Ropp, Arthur Ferguson, John R. Alden, Robert Durden, and Robert H. Connery. Professor Ropp will preside.

N. C. SYMPHONY CONCERT

The Student Union and the Durham Chapter of the N. C. Symphony Society, Inc., will co-sponsor the annual concert of the North Carolina Symphony Orchestra on Tuesday, May 2nd, at 8:00 p.m. in Page Auditorium. Under the baton of Benjamin Swalin the orchestra will have as guest soloist for the concert the Durham High Concert Choir singing four choruses from the Mendelssohn oratorio, "Elijah." The choir

is directed by R. Glenn Starnes, Music Director of the Durham City Schools.

Symphony Society membership cards will be honored at all concerts given by the Symphony this season. No admission will be charged for this concert, but it will be possible to support the efforts of the Symphony by purchasing membership cards in the foyer of Page Auditorium on the evening of the concert.

An informal reception honoring Dr. and Mrs. Swalin, the orchestra, and choir will follow the concert and a cordial invitation is extended to those attending the concert to join the guests in Flowers Lounge.

The program for the concert is as follows:

Glinka Overture to the opera RUSSLAN AND LUDMILLA
Elgar Variations on an Original Theme ("Enigma")

INTERMISSION

Mendelssohn Choruses from ELIJAH
Cast Thy Burden Upon the Lord
He Watching Over Israel Slumbers Not
He That Shall Endure to the End Shall Be Saved
Behold, God the Lord Passed By
Choir

Jones, George Thaddeus A Poem for Peace
Benjamin Award Commission
Ravel La Valse

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Charles H. Williams, Jr., for the Ph.D. degree in Biochemistry will be held on Wednesday, May 3rd, at 2:00 p.m. in Room 262 Bell Building. The subject of Mr. Williams' dissertation will be "Microsomal Triphosphopyridine Nucleotide-Cytochrome c Reductase of Liver." The committee to conduct the examination will consist of Professors Henry Kamin, Philip Handler, Robert Wheat, Frederick Bernheim, and Charles Bradsher. Professor Kamin will preside.

LAW SCHOOL ADDRESS

Dr. Hans Baade, of the Duke Law School, will speak in the Law School Court Room on Wednesday, May 3rd, at 2:00 p.m. The topic of Dr. Baade's talk will be "Legal Aspects of the Eichmann Trial." The public is cordially invited to attend.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, May 3rd, at 4:15 p.m. in Room 113 Biology Building, West Campus. Mrs. Helene Laws, Department of Botany, will speak on "Translocations and Polyploidy in *Oenothera*." Tea and coffee will be served at 4:00 p.m.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The Joint Duke-U.N.C. Physics Colloquium will meet Wednesday, May 3rd, at 4:30 p.m. in Room 114 Physics Building. The speaker will be Dr. Vincent Jaccarino of the Bell Telephone Laboratories, Murray Hill, New Jersey. Dr. Jaccarino's topic will be "Recent Experiments on Superconductors."

UNIVERSITY RELIGIOUS COUNCIL MEETING

The final meeting of the Duke University Religious Council for the current academic year will be held Wednesday, May 10th, in the Men's Graduate Center. The meeting will commence with dinner at 6:00 p.m. All members of the full Council are asked to note this date in their calendars and to make plans to attend.

ENGINEER IN TRAINING LECTURE

The ninth in the series of Engineer in Training Exam Review Lectures will be held in the Engineering Auditorium on Wednesday, May 3rd, at 7:00 p.m. Sponsored by Pi Tau Sigma, Mechanical Engineering Honorary Fraternity, the lecture will be delivered by Professor V. L. Kenyon, whose topic will be "Thermodynamics." All interested persons are cordially invited to attend.

SPRING CONCERT DUKE MADRIGAL SINGERS

The Department of Music will present the Duke Madrigal Singers, Eugenia Saville, Director, in its Spring Concert of Madrigals and Songs on Wednesday, May 3rd, at 8:15 p.m. in the Music Room, East Duke Building. The public is cordially invited to attend. The program will be as follows:

- I. *English madrigals*
Sing we and chant it Thomas Morley
Fire, fire my heart Thomas Morley
All creatures now John Bennet
(from *The Triumphs of Oriana*, 1601)
- II. *Songs to the guitar* John Dowland
Come away, come sweet love
I saw my lady weep
Fine knacks for ladies
- III. *Songs to the harpsichord*
Arise, ye subterranean winds Henry Purcell
(from *The Tempest*)
Bois Epais Jean Baptiste Lully
Tobacco Tobias Hume
(from *Musical Humors*, 1605)
- IV. *Suite for recorder and harpsichord* Arcangelo Corelli
Praeludium
Gavotte
Menuett
Gigue
- V. *Three madrigals by Giles Farnaby*
Carters, now cast down your whips
Construe my meaning
My Lady's coloured cheeks
(from *Canzonets to Four Voyces*, 1598)
Intermission
- VI. *Italian madrigals*
So ben mi ch'a bon tempo Orazio Vecchi
Matona, mia cara Orlando di Lasso
Lumi miei cari Claudio Monteverdi
Ecco mormorar l'onde Claudio Monteverdi
- VII. *Songs from La Bonne Chanson* Gabriel Fauré
- VIII. *Six chansons on original French poems by* Paul Hindemith
Rainer Maria Rilke
En hiver
Un cygne
Puisque tout passe
Printemps
La biche
Verger

CIVIL ENGINEERING SEMINAR

The Civil Engineering Seminar will meet on Thursday, May 4th, at 11:30 a.m. in Room 120 Engineering Building. Dr. Frank J. Murray, Professor of Mathematics Department at Columbia University, at present assisting the Army Research Office through Duke Mathematics Complex, will speak on "Professional Computer Usage in Engineering." All interested persons are invited.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Don Courtney Piper for the Ph.D. degree in Political Science will be held on Thursday, May 4th, at 1:15 p.m. in Room 103 Library. The subject of Mr. Piper's dissertation will be "The International Law of the Great Lakes." The committee to conduct the examination will consist of Professors Robert R. Wilson, John H. Hallowell, Albert L. Sturm, J. Harris Proctor, and J. J. Spengler. Professor Wilson will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Miss Janet Winecoff for the Ph.D. degree in Romance Languages will be held on Thursday, May 4th, at 3:30 p.m. in the Library Conference Room. The subject of Miss Winecoff's dissertation will be "José Ortega y Gasset, Existentialist? The Major Themes of Existentialism in the Works of José Ortega y Gasset." The committee to conduct the examination will consist of Professors R. L. Predmore, Thomas Cordle, Gifford Davis, John M. Fein, and Herman Salinger. Professor Predmore will preside.

YWCA SPONSORS FILM "OPERATION ABOLITION"

The YWCA will sponsor a showing of the film "Operation Abolition" at 8:15 p.m. on Thursday, May 4th, in the Woman's College Auditorium. Dr. Glenn Negley will lead a discussion of this controversial film which depicts student riots in San Francisco during hearings of the House Un-American Activities Committee last spring. The film will be shown without charge and members of the University Community are cordially invited to attend.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. Dan S. Jackson, Jr., for the Ed.D. degree in Education will be held on Friday, May 5th, at 1:30 p.m. in Room 08A, West Duke Building. The subject of Mr. Jackson's dissertation will be "An Analysis of Programs for Trainable Mentally Retarded Children in North Carolina Public Schools." The committee to conduct the examination will consist of Professors William H. Cartwright, W. Scott Gehman, Allan S. Hurlburt, Olan L. Petty, and Arlin Turner. Professor Cartwright will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. John D. Stark for the Ph.D. degree in History will be held on Friday, May 5th, at 2:00 p.m. in the Library Conference Room. The subject of Mr. Stark's dissertation will be "William Watts Ball: A Study in Conservatism." The committee to conduct the examination will consist of Professors Robert H. Woody, John Tate Lanning, John S. Curtiss, Arthur B. Ferguson, and R. R. Wilson. Professor Woody will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Joseph L. Morrison for the Ph.D. degree in History will be held on Friday, May 5th, at 2:00 p.m. in Room 235 Allen Building. The subject of Mr. Morrison's dissertation will be "Josephus Daniels as 'Tar Heel Editor,' 1894-1913." The committee to conduct the examination will consist of Professors Richard L. Watson, Jr., John S. Curtiss, Robert F. Durden, John Tate Lanning, and Robert S. Rogers. Professor Watson will preside.

SENIOR PIANO RECITAL

The Department of Music will present Judy Kellett, pianist, in a senior recital in Asbury Recital Hall on Friday, May 5th, at 8:15 p.m. Miss Kellett is a student of Loren Withers. The public is cordially invited to attend. Her program will be as follows:

- | | |
|---|-----------|
| I. Sonata in D minor | Searlatti |
| Sonata in C major | |
| II. Fantasia in C minor, K. 475 | Mozart |
| III. Children's Corner | Debussy |
| Doctor Gradus Ad Parnassum | |
| Golliwogg's Cake-Walk | |
| IV. Concert Etude in D-flat, "Un Sospiro" | Liszt |
| Etude in C minor, Op. 25, No. 12 | Chopin |

DUKE PLAYERS PRESENTS "UNDER MILK WOOD"

Duke Players will present a reading of "Under Milk Wood," by Dylan Thomas, on Friday and Saturday evenings, May 5th and 6th, at 8:15 p.m. in Branson Hall. This "Play for Voices" was so well received when it was first given last season that it is being revived with Earl McCarroll, '61 directing the performance. There will be no admission charge, and the public is cordially invited to attend. (The production of "The Chairs" and "The Lesson," by Eugene Ionesco, originally planned for this time, has been cancelled.)

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. Jack D. Lawrie for the Ed.D. degree in Education will be held on Saturday, May 6th, at 9:30 a.m. in Room 08A West Duke Building. The subject of Mr. Lawrie's dissertation will be "The Feasibility of Extending the Secondary School Year in North Carolina." The committee to conduct the examination will consist of Professor E. C.

Bolmeier, Allan S. Hurlburt, W. A. Stumpf, John W. Carr, Jr., and E. T. Thompson. Professor Bolmeier will preside.

STUDENT UNION PHOTOGRAPHY EXHIBIT

The Student Union presents an exhibit of the photographic works of Michael Alexis Tatischeff, '63, head photographer for the 1960-61 Chanticleer. The photographs may be viewed in the Alumni Lounge until May 6th.

ACADEMIC APPAREL

Members of the Faculty and Staff wishing to rent academic apparel for commencement exercises June 5th should place their order with the Duke University Store Office prior to May 12th. Delivery cannot be assured on orders placed after May 12th.

To place an order for rental apparel, call extension 2344.

ADVANCE NOTICE CHAPEL CHOIR PRESENTS "PASSION OF ST. MATTHEW"

On Sunday, May 7th, at 4:00 p.m. in the Chapel, the Chapel Choir will give its annual spring performance. The selection this year is one of Johann S. Bach's major works, *The Passion of St. Matthew*, under the direction of Professor Paul Young, Director of Choral Activities. The public is extended a cordial invitation to hear this fine musical performance.

ADVANCE NOTICE EXAMINATION FOR THE JULIA DALE PRIZE IN MATHEMATICS

An examination covering Mathematics Courses 51, 52, and 53 will be held on Thursday, May 11th, from 7:00 to 9:00 p.m. in Room 132 Physics Building. Those students who are now taking Math 53 and those students who have completed this course (or its equivalent) since last commencement are eligible for the Julia Dale Prize. Awards of approximately \$30.00 to first place and \$20.00 to second place winners will be given.

ANNOUNCEMENT OF 1961-'62 ARTISTS' SERIES

The 1961-'62 Duke University Artists' Series announces the following attractions for the 1961-'62 Season:

- | | |
|---|-----------------------|
| Bayanihan Philippine Dance Company | Thursday, November 30 |
| Philadelphia Orchestra, | |
| Eugene Ormandy Conducting | Tuesday, January 9 |
| The Robert Shaw Chorale and Orchestra | |
| | Thursday, February 1 |
| performing Bach's "Passion According to St. John" | |
| Leon Fleisher, Pianist | Tuesday, February 20 |
| Elisabeth Schwarzkopf, Soprano | Friday, March 9 |

Season ticket reservations priced at \$8.00, \$9.00, and \$10.00 are available in 202-A Flowers Building, by calling Extension 2911 or by writing Box KM, Duke Station.

WEEK OF
May 7-13, 1961

WEEK OF
May 7-13, 1961

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, May 7

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "Bought With a Price." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Chapel Choir Presents "Passion of St. Matthew." Memorial Chapel.

Monday, May 8

9:30 a.m. The final examination of Mr. Calvin Lewis Porter for the Ph.D. degree in Religion. Library Conference Room.

3:30 p.m. The final examination of Mr. Norman Kraus for the Ph.D. degree in Religion. Room 304 Divinity.

4:00 p.m. History Lecture. 208 Flowers Building. Speaker: Professor Leonard Thompson.

4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Dr. Stephen Thesleff.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

6:00 p.m. Naval Reserve Meeting. Room 135 Physics Building. Speaker: Dr. I. T. Diamond.

8:00 p.m. Special Biology Lecture. Room 113 Biology Building. Speaker: Dr. L. P. Zill.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Tuesday, May 9

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Larry Wilkinson.

2:00 p.m. The final examination of Mr. Robert A. Pittillo, Jr., for the Ed.D. degree. Room 08A West Duke Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15 p.m. Beginning Tennis Classes. East Campus Gymnasium.

5:30 p.m. French Table. East Campus Union Building.

8:00 p.m. Special Biology Lecture. Room 113 Biology Building. Speaker: Dr. L. P. Zill.

8:00 p.m. Joint Duke-UNC Philosophy Colloquium. 213 Caldwell Hall, Chapel Hill. Speaker: Professor Arthur Smullyan.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

8:15 p.m. Students' Piano Recital. Asbury Recital Hall.

Wednesday, May 10

10:00 a.m.-12:00 m. Campus Club Morning Coffee. Willowhaven Country Club.

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. Jim Hobbs.

4:00 p.m. Joint Duke-UNC Philosophy Colloquium. 211-A West Duke Building. Speaker: Professor Arthur Smullyan.

4:15 p.m. Botany Seminar. Room 113 Biology Building. Speaker: Dr. R. E. McDermott.

4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

6:00 p.m. University Religious Council Dinner Meeting. Meun's Graduate Center.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:05 & 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Entertainer" with Laurence Olivier (Academy Award nominee "Best Actor"), Brenda de Bauzie, and Joan Plowright. From the Broadway play, this film is described as "One of the year's 10 best"—N. Y. Times, Herald-Tribune, Saturday Review. "Laurence Olivier is brilliant. A fascinating picture."—N. Y. Times.

8:15 p.m. Young Artists' Series: Roger Drinkall, Cellist. Music Room, East Duke Building.

Thursday, May 11

9:00 a.m. Atlantic Coast Conference Tennis. Tennis Courts.

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. O. Kelly Ingram.

11:30 a.m. Civil Engineering Seminar. Room 120 Engineering Building. Speaker: Mr. Sina H. Serinken.

2:00 p.m. The final examination of Mr. Charles Daniel Bowman for the Ph.D. degree in Physics. Room 218 Physics Building.

4:00 p.m. The final examination of Mr. Ira Dempsey Gruber for the Ph.D. degree in History. Room 125 Allen Building.

4:00 p.m. Undergraduate Faculty Council Meeting. Room 208 Flowers Building.

4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00-9:00 p.m. Examination for the Julia Dale Prize in Mathematics. Room 132 Physics Building.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

8:15 p.m. One Act Play Productions. Branson Hall.

Friday, May 12

9:00 a.m. Atlantic Coast Conference Tennis. Tennis Courts.

10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Mr. O. Kelly Ingram.

12:30 p.m. Muslim Student Association. 207 Flowers Building.

2:00 p.m. Atlantic Coast Conference Track Meet. Track.

2:30 p.m. The final examination of Miss Chuen-chueu Chang for the Ph.D. degree in Physics. Room 218 Physics Building.

4:00 p.m. Interdisciplinary Seminar. Room 110 Medical School. Speaker: Dr. Brenda Milner.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Asbury Auditorium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim: those between the ages of 6 and 12 must be accompanied by their mothers.

6:15 p.m. Kappa Delta Pi Initiation. 208 Flowers Building.

6:45 p.m. Kappa Delta Pi Banquet. Union Ballroom. Speaker: Edward W. Rushton.

8:15 p.m. Duke Symphony Orchestra Concert with Roger Drinkall. Page Auditorium.

8:15 p.m. One Act Play Productions. Branson Hall.

Saturday, May 13

9:00 a.m. Atlantic Coast Conference Tennis. Tennis Courts.

9:30 a.m. The final examination of Mr. Thomas K. Bullock for the Ed.D. degree. Room 08A West Duke Building.

2:00 p.m. Atlantic Coast Conference Track Meet. Track.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Entertainer" with Laurence Olivier (Academy Award nominee "Best Actor"), Brenda de Banzie, and Joan Plowright. From the Broadway play, this film is described as "One of the year's 10 best"—N. Y. Times, Her.-Trib., Sat. Review. "Laurence Olivier is brilliant. A fascinating picture."—N. Y. Times.

UNIVERSITY SERVICE OF WORSHIP

The regular Sunday Morning University Service of Worship will be held in the University Chapel on May 7th at 11:00 a.m. The Reverend Professor James T. Cleland, Dean of the Chapel, will deliver the sermon entitled "Bought With a Price."

DENOMINATIONAL MEETINGS

Baptist Student Union: Sunday—9:15 a.m., Sunday School at First, Gray Stone, Temple and Watts Street Baptist Churches. 6:30 p.m., Training Union at above churches. **Wednesday**, 6:30 p.m., Vesper Service, East Duke Chapel.

Episcopal Student Fellowship: There will be a celebration of the Holy Communion at the Episcopal Student Center at 9:30 a.m. Sunday by the Reverend Mr. J. W. O'Brien. Breakfast will follow. There will be a dinner-discussion meeting starting at 6:30 p.m. Rides will be furnished from East Campus. There are midweek celebrations of Holy Communion at 7:10 a.m. and 5:30 p.m. Wednesdays.

Lutheran Student Association: Sunday—6:30 p.m., 208 Flowers Building, Selection of officers and future program discussion. **Wednesday**—7:15 and 8:00 a.m., Holy Communion in Chapel.

Methodist Student Fellowship: Sunday—7:00 p.m., The Rev. W. L. Freeman, pastor of Lakewood Methodist Church, will speak. **Wednesday**, 6:00 p.m., Holy Communion.

Unitarian Fellowship: Sunday, May 7, 2:30 to 7:00 p.m. Annual picnic at Prof. Vosburgh's farm. Families bring suppers. There will be a short business meeting for the report of the secretary-treasurer and the election of officers for both town and student groups.

Westminster Fellowship: Sunday—9:30 a.m., Presbyterian Bible Class, 2127 Myrtle Drive. 2:00 p.m., Westminster Fellowship, A meeting of all officers and council members at the Chaplain's house: 1013 Demerius Street. 6:30 p.m., Westminster Fellowship, The Ark, "An Open Discussion of the Presbyterian Program at Duke." **Wednesday**—Supper Club 6:00 p.m., East Campus Union. **Thursday**—Holy Communion, 7:15 a.m., East Duke Chapel.

CHAPEL CHOIR PRESENTS "PASSION OF ST. MATTHEW"

The Chapel Choir will give its annual spring performance on Sunday, May 7th at 4:00 p.m. in the Chapel. The selection this year is one of Johann S. Bach's major works, "The Passion of St. Matthew," under the direction of Professor Paul Young, Director of Choral Activities. The public is extended a cordial invitation to attend.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Calvin Lewis Porter for the Ph.D. degree in Religion will be held on Monday, May 8th, at 9:30 a.m. in the Library Conference Room. The subject of Mr. Porter's dissertation will

be "A Textual Analysis of the Earliest Greek Manuscripts of the Gospel of John." The committee to conduct the examination will consist of Professors Kenneth W. Clark, W. F. Stinespring, John Strugnell, Hugh Anderson, and Robert S. Rogers. Professor Clark will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Norman Kraus for the Ph.D. degree in Religion will be held on Monday, May 8th, at 3:30 p.m. in Room 304 Divinity. The subject of Mr. Kraus' dissertation will be "The Principle of Authority in the Theology of B. B. Warfield, William Adams Brown, and Gerald Birney Smith." The committee to conduct the examination will consist of Professors H. Shelton Smith, Frederick Herzog, William A. Poteat, Stuart C. Henry, and John H. Hallowell. Professor Smith will preside.

HISTORY LECTURE

The Department of History will sponsor a lecture on Monday, May 8th, at 4:00 p.m. in Room 208 Flowers Building by Visiting Professor Leonard Thompson of the University of Cape Town. Professor Thompson, who has been teaching courses here in the history of the British Commonwealth, will speak on the topic "The Application of the Policy of *Apartheid* in Higher Education in South Africa." Interested members of the University Community are invited to attend.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, May 8th, at 4:15 p.m. in Room 113 Biology Building. Dr. Stephen Thesleff, from the Pharmacological Institute of the University of Lund, Sweden, will speak on "Effects of Innervation on the Chemical Sensitivity of Muscle." Coffee and tea will be served in Room 113 at 4:00 p.m. preceding the seminar.

NAVAL RESERVE MEETING

Naval Reserve Research Company 6-6 will meet on Monday, May 8th, at 6:00 p.m. in Room 135 Physics Building. Dr. I. T. Diamond will speak on "Physiological Aspects of the Perception of Order."

All Naval Reserve officers (especially students, faculty, and staff) are invited to attend and consider affiliating with this unit. Further information can be obtained from Leland Williams, Room 306 Duke Wing ARO(D) Building, telephone 286-9265.

SPECIAL BIOLOGY LECTURES

Two lectures in the series on *Light Effects on Plants* will be delivered by Dr. L. P. Zill of RIAS Laboratories for Photosynthetic Research, Baltimore, Maryland. On Monday, May 8th, and Tuesday, May 9th, Dr. Zill will speak on "Molecular Biology of the Chloroplast Lipids." Both lectures will be at 8:00 p.m. in Room 113 Biology Building.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. Robert A. Pittillo, Jr., for the Ed.D. degree will be held on Tuesday, May 9th, at 2:00 p.m. in Room 08A West Duke Building. The subject of Mr. Pittillo's dissertation will be "Tort Liability of College and Universities." The committee to conduct the examination will consist of Professors E. C. Bolmeier, W. H. Cartwright, W. A. Stumpf, Olan L. Petty, and Robert F. Durden. Professor Bolmeier will preside.

JOINT DUKE-UNC PHILOSOPHY COLLOQUIA

Professor Arthur Smullyan, Chairman of the Department of Philosophy at the University of Washington, will be the guest of the Philosophy Departments at Duke and UNC on Tuesday and Wednesday, May 9th and 10th.

On Tuesday, May 9th, Professor Smullyan will speak on "Perception" in 213 Caldwell Hall, Chapel Hill, at 8:00 p.m. On Wednesday, May 10th, he will speak in the Philosophy Seminar Room, 211-A West Duke Building, at 4:00 p.m. on the subject of "Abstraction." Interested members of the University Community are cordially invited to attend.

STUDENTS' PIANO RECITAL

The Department of Music will present a student recital by the piano students of Loren Withers on Tuesday, May 9th, at 8:15 p.m. in Asbury Recital Hall. The public is cordially invited to attend. The program will be as follows:

Organ Prelude and Fugue in A minor	Bach-Liszt
Frank Gray, '64	
Rondo in D major, K. 485	Mozart
Diana Bess Montgomery, '64	
Sonata in F, Op. 10, No. 2	Beethoven
First Movement: Allegro	
Janice Ray, '64	
Prelude in G minor, Op. 28, No. 22	Chopin
John Holt, '64	
Voiles	
Billie Godwin, '64	
Sonata in C major, K. 330	Mozart
Third Movement: Allegretto	
Dale Volberg, '63	
Intermezzo in E-flat minor, Op. 118, No. 6	Brahms
Nancy Lassiter, '63	
Nocturne in C-sharp minor	Chopin
Henry Hester, '61	
Ballade in F major, Op. 38	Chopin
Carol Williams, '63	

CAMPUS CLUB MORNING COFFEE

On Wednesday, May 10th, from 10:00 a.m. to 12:00 m. the members of the Campus Club will gather at Willowhaven Country Club for morning coffee to honor the newly-elected officers for the coming year. Serving as hostesses for the event will be faculty wives of the departments of Philosophy, Psychology, Naval Science, and Sociology, with Mrs. Paul Welsh as chairman. This will be the last meeting of the year.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, May 10th, at 4:15 p.m. in Room 113 Biology Building. Dr.

R. E. McDermott of the Department of Forest Management, The Pennsylvania State University, will speak on "Area Resource Analysis." Tea and coffee will be served at 4:00 p.m.

UNIVERSITY RELIGIOUS COUNCIL MEETING

The final meeting of the Duke University Religious Council for the current academic year will be held on Wednesday, May 10th, in the Men's Graduate Center. The meeting will begin with dinner at 6:00 p.m. All members of the full Council are asked to note this date in their calendars and to make plans to attend.

CIVIL ENGINEERING SEMINAR

The Civil Engineering Seminar will meet on Thursday, May 11th, at 11:30 a.m. in Room 120 Engineering Building. Mr. Sina H. Serinken, Part-time Instructor and graduate student of Civil Engineering, will speak on "Investigations Concerning the Use of Fiberglass Reinforced Rods in Prestressed Concrete." All interested persons are invited.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Charles Daniel Bowman for the Ph.D. degree in Physics will be held on Thursday, May 11th, at 2:00 p.m. in Room 218 Physics Building. The subject of Mr. Bowman's dissertation will be "Neutron Resonances in Intermediate Nuclei." The committee to conduct the examination will consist of Professors Henry W. Newson, Martin M. Block, Eugene Grenling, R. M. Williamson, and Leonard Carlitz. Professor Newson will preside.

YOUNG ARTISTS' SERIES ROGER DRINKALL, 'CELLIST

The Music and Arts Committee of the Student Union will sponsor Roger Drinkall, 'Cellist, in a Young Artists' Series recital Wednesday, May 10th, at 8:15 p.m. in the Music Room, East Duke Building. There will be no admission charge, and the public is cordially invited to attend. Mr. Drinkall's program will be as follows:

Sonata in G major	Sammartini
Allegro	
Grave	
Vivace	
Sonata in A major, Op. 69	Beethoven
Allegro, ma non tanto	
Scherzo—Allegro molto	
Adagio cantabile—Allegro vivace	
Suite for Solo Cello, Op. 28	Robert Kelly
Moderately fast	
Air	
Fugue	
Gavotte	
Chaconne	

INTERMISSION

Sonata in F Major, Op. 99	Brahms
Allegro, vivace	
Adagio affetuoso	
Allegro passionato	
Allegro molto	

STUDENT UNION AND MUSIC DEPARTMENT SPONSOR ROGER DRINKALL

Rogers Drinkall, 'Cellist, will make two appearances on the Duke Campus this coming week. The first, a Student Union Young Artists' Series recital, will be on Wednesday, May 10th; the second, a Duke Symphony Concert, on Friday, May 12th (see separate notices).

Mr. Drinkall, unanimously declared National String Winner in the National Federation of Music Clubs Contest, is a graduate of the Curtis Institute of Music in Philadelphia where he was a scholarship student of Leonard Rose during his entire five-year course. Now a fellowship holder at the University of Illinois, Roger Drinkall is in his fourth season of concertizing with "The Concert Artists of Pittsburgh." Numerous recital and orchestral concerto appearances throughout the country are highlighted by such recent engagements as last December's Town Hall recital which included music of Beethoven, Brahms and Ernst Krennek. Last summer he appeared as soloist with the University of Illinois Summer Orchestra in the Saint-Saens Cello No. 2 under the baton of Allan Bone.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Ira Dempsey Gruber for the Ph.D. degree in History will be held on Thursday, May 11th, at 4:00 p.m. in Room 125 Allen Building. The subject of Mr. Gruber's dissertation will be "Admiral, Lord Howe and the American War for Independence." The committee to conduct the examination will consist of Professors John R. Alden, W. B. Hamilton, John Tate Lanning, Theodore Ropp, and Clarence Gohdes. Professor Alden will preside.

UNDERGRADUATE FACULTY COUNCIL MEETING

The Undergraduate Faculty Council will meet at 4:00 p.m. on Thursday, May 11th, in Room 208 Flowers Building.

EXAMINATION FOR THE JULIA DALE PRIZE IN MATHEMATICS

An examination covering Mathematics Courses 51, 52, and 53 will be held on Thursday, May 11th, from 7:00 to 9:00 p.m. in Room 132 Physics Building. Those students who are now taking Math 53 and those students who have completed this course (or its equivalent) since last commencement are eligible for the Julia Dale Prize. Awards of approximately \$30.00 to first place and \$20.00 to second place winners will be given.

ONE ACT PLAY PRODUCTIONS

On Thursday and Friday evenings, May 11th and 12th, the annual programs of one act plays will be presented in Branson Hall at 8:15 p.m. The plays are directed by students in Play Production Class, English 122, under the supervision of Professor Victor Michalak, and admission will be free. The programs will feature an original one-act play, *Giuni's Reprieve*, by Mr. Jimmy Lee, a member of the class who will direct his own play. Other plays will be a scene from *Burn-*

ing Bright (John Steinbeck); *The Stronger* (Strindberg); *Impromptu* (Tad Mosel); *27 Wagonloads of Cotton* (Tennessee Williams); *Aria Da Capo* (Edna St. Vincent Millay); and a melodrama, *The Light-house Keeper's Daughter* (Aldridge).

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mis Chuen-huen Chang for the Ph.D. Degree in Physics will be held on Friday, May 12th, at 2:30 p.m. in Room 218 Physics Building. The subject of Miss Chang's dissertation will be "The Last Time of Λ^0 Hyperon." The committee to conduct the examination will consist of Professors Martin Block, Eugene Greuling, Hertha Sponer, R. M. Williamson, and J. H. Roberts. Professor Block will preside.

INTERDISCIPLINARY SEMINAR

On Friday, May 12th, at 4:00 p.m. in Room 110 Medical School, the Psychology Department will present a lecture by Dr. Brenda Milner. Dr. Milner, of the Department of Psychology and the Montreal Neurological Institute, McGill University, will speak on her recent research on the effects of temporal lobe injury on human perception. Dr. Milner has carried out distinguished investigations on human brain function, working in part collaboratively with Dr. Wilder Penfield. All interested persons are welcome.

KAPPA DELTA PI INITIATION AND BANQUET

The annual Spring Initiation and Banquet of Kappa Delta Pi, education honorary, will take place on Friday, May 12th, beginning with initiation at 6:15 p.m. in Room 208 Flowers Building. The banquet, scheduled to begin at 6:45 p.m., will be in the Union Ballroom. Mr. Edward W. Rushton, Superintendent of Roanoke Public Schools, will speak on "Programmed Teaching," an exposition of the uses and the pro's and con's of the teaching "machine." Faculty and staff who are interested in this development are invited to attend, providing they make reservations (\$2.00 a plate) with Miss Price, Department of Education, by Monday evening, May 8th.

DUKE SYMPHONY ORCHESTRA CONCERT WITH ROGER DRINKALL

The Department of Music will present the Duke Symphony Orchestra under the direction of Allan Bone in a spring concert on Friday, May 12th, at 8:15 p.m. in Page Auditorium. Roger Drinkall, 'Cellist, will be guest virtuoso for the performance. Tickets, priced at \$1.00, may be obtained at the door. The program is as follows:

Peter Mennin	Symphony No. 3
	Allegro Robusto
	Andante Moderato
Kenneth Wright	Dance Mosaics
INTERMISSION	
Dvorak	Cello Concerto
Roger Drinkall, 'Cellist	
Enesco-Lewis	Roumanian Rhapsody No. 1

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. Thomas K. Bullock for the Ed.D. degree will be held on Saturday, May 13th, at 9:30 a.m. in Room 08A West Duke Building. The subject of Mr. Bullock's dissertation will be "Schools and Schooling in Eighteenth Century Virginia." The committee to conduct the examination will consist of Professors William H. Cartwright, Allan S. Hurlburt, John W. Carr, Jr., E. C. Bolmeier, and John S. Curtiss. Professor Cartwright will preside.

GRANT FOR RESEARCH APPLICATIONS

Application for Grant for Research forms have been mailed to faculty members by the University Council on Research. Those who have not received copies may obtain them by phoning Mrs. Wood, Extension 2821.

ACADEMIC APPAREL

Members of the Faculty and Staff wishing to rent academic apparel for commencement exercises June 5th should place their order with the Duke University Store Office prior to Friday, May 12th. Delivery cannot be assured on order placed after this date.

To place an order for rental apparel, call extension 2344.

ADVANCE NOTICE BAND LAWN CONCERT

The Duke University Concert Band, under the direction of Dr. Paul Bryan, will present a lawn concert in the Sarah P. Duke Memorial Gardens on Sunday, May 14th, at 4:00 p.m. The public is extended a cordial invitation to attend this performance.

ANNOUNCEMENT OF 1961-'62 ARTISTS' SERIES

The 1961-'62 Duke University Artists' Series announces the following attractions for the 1961-'62 Season:

Bayanihan Philippine Dance Company	Thursday, November 30
Philadelphia Orchestra, Eugene Ormandy Conducting	Tuesday, January 9
The Robert Shaw Chorale and Orchestra	Thursday, February 1
performing Bach's "Passion According to St. John"	
Leon Fleisher, Pianist	Tuesday, February 20
Elisabeth Schwarzkopf, Soprano	Friday, March 9

Season ticket reservations priced at \$8.00, \$9.00, and \$10.00 are available in 202-A Flowers Building, by calling Extension 2911 or by writing Box KM, Duke Station.

SIDEWALK ART EXHIBIT

The Student Union Music and Arts Committee announces its annual Spring Sidewalk Art, on Monday and Tuesday, May 8th and 9th from 9:00 a.m. until 4:30 p.m. The entries will represent the work of the university students for the past year. The committee will award ribbons to the outstanding pieces in the two categories: oil paintings and graphics; etchings,

quick sketches, pen-and-ink drawings, charcoals, pastels, and washes.

The public is invited to enjoy the exhibit in the Union Quadrangle of Duke University's West Campus. Price lists will be available for those interested in purchasing works at the close of the Exhibit.

UNIVERSITY OFFICIAL EXAMINATION SCHEDULE

Spring Semester, 1961

ANY STUDENT HAVING A SCHEDULE OF THREE EXAMS WITHIN TWENTY-FOUR HOURS OR TWO EXAMS AT THE SAME TIME MUST REPORT TO THE DEANS' OFFICE NOT LATER THAN APRIL 22 TO REQUEST A CHANGE IN SCHEDULE.

Thursday May 18	7:00 p.m.	PHYSICAL EDUCATION
Friday May 19	Undergraduate Reading Period	
Saturday May 20	9:00-12:00 a.m. 2:00- 5:00 p.m.	TTS, FOURTH PERIOD English 1, 2
Monday May 22	9:00-12:00 a.m. 2:00- 5:00 p.m.	TTS, THIRD PERIOD All Languages 1, 2 & Engineering 2.1-2.4
Tuesday May 23	9:00-12:00 a.m. 2:00- 5:00 p.m. 7:00-10:00 p.m.	TTS, SECOND PERIOD Chemistry 2 Philosophy 48, 49
Wednesday May 24	9:00-12:00 a.m. 2:00- 5:00 p.m. 7:00-10:00 p.m.	TTS, FIRST PERIOD Physics 2, 42 Botany 2
Thursday May 25	9:00-12:00 a.m. 2:00- 5:00 p.m. 7:00-10:00 p.m.	MWF, FOURTH PERIOD Mathematics 21, 53 Economics 58
Friday May 26	9:00-12:00 a.m. 2:00- 5:00 p.m. 7:00-10:00 p.m.	MWF, THIRD PERIOD History 2, E2, 2X Air Science
Saturday May 27	9:00-12:00 a.m. 2:00- 5:00 p.m.	MWF, SECOND PERIOD TTS, SIXTH PERIOD
Monday May 29	9:00-12:00 a.m. 2:00- 5:00 p.m.	MWF, FIRST PERIOD (Zool. 2) French 64 & Spanish 64 & Engineering 2.5-2.8
Tuesday May 30	9:00-12:00 a.m. 2:00- 5:00 p.m. 7:00-10:00 p.m.	MWF, SIXTH PERIOD Religion 2 Mathematics 22
Wednesday May 31	9:00-12:00 a.m. 2:00- 5:00 p.m.	MWF, FIFTH PERIOD & Naval Science Political Science 11, 12, 62

ENGINEERING COURSES, OTHER THAN ENGINEERING 2, WILL MEET FOR EXAMINATION AT THE REGULAR CLASS PERIODS.

Chemistry (except Chemistry 2) and Zoology Classes meet for examination at the time scheduled for their general lecture period. ANY EXAMINATION NOT COVERED IN THE FOREGOING SCHEDULE IS TO BE ARRANGED BY THE INSTRUCTOR IN CHARGE OF THE COURSE IN THE PERIOD BEGINNING May 20, 9:00 a.m., AND ENDING May 31, 5:00 p.m. NO EXAMINATION IS TO BE GIVEN BEFORE 9:00 a.m., May 20, WITH THE EXCEPTION OF PHYSICAL EDUCATION. NO CHANGE IS TO BE MADE IN ANY SCHEDULED EXAMINATION WITHOUT THE APPROVAL OF THE COMMITTEE.

UNIVERSITY SCHEDULE COMMITTEE

WEEK OF
May 14-20, 1961

CALENDAR

WEEK OF
May 14-20, 1961

OF DUKE UNIVERSITY



Events of the Week

Sunday, May 14

- Denominational Meetings. See special notice.
10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.
11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor McMurray S. Richey, The Divinity School. Sermon: "On Taking Refuge in a Church Attic." Broadcast over Radio Station WDNC and WDNC-FM.
4:00 p.m. Duke University Concert Band Lawn Concert. Sarah P. Duke Memorial Gardens.
7:00 p.m. Sacred Concert. Methodist Student Center.

Monday, May 15

- 4:15 p.m. Instrumental Students' Recital. Asbury Auditorium.
4:30 p.m. Joint Duke-UNC Physics Colloquium. Room 265 Phillips Hall, UNC. Speaker: Dr. M. E. Rose.
4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. H. D. Kimmel.
5:00 p.m. Faculty Volleyball. Indoor Stadium.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
6:00 p.m. Naval Reserve Meeting. Room 135 Physics Building.
8:00 p.m. Special Biology Lecture. Room 113 Biology Building. Speaker: Dr. Allan H. Brown.

- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Tuesday, May 16

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. H. Shelton Smith.
11:30 a.m. Engineering Faculty Meeting. Room 125 Engineering Building. Speaker: Dr. F. P. Pike.
2:00 p.m. The final examination of Mr. Stephen Curtiss Paine for the Ph.D. degree in English. Library Conference Room.
4:00 p.m. Anatomy Departmental Lecture. Room 110 Medical School. Speaker: Professor Jacques Benoit.
4:00 p.m. The final examination of Mr. Norman Howard Barlow for the Ph.D. degree in Romance Languages. Library Conference Room.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
5:15 p.m. Beginning Tennis Classes. East Campus Gymnasium.
5:30 p.m. French Table. East Campus Union Building.
7:00 p.m. Special Biology Lecture. Room 113 Biology Building. Speaker: Dr. Allan H. Brown.
8:15 p.m. Piano Students' Recital. Asbury Auditorium.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

Wednesday, May 17

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: Dr. H. Shelton Smith.
- 2:00 p.m. Combined Military Review. Upper Drill Field.
- 2:30 p.m. The final examination of Mr. Tadashi Kikuchi for the Ph.D. degree in Physics. Room 218 Physics Building.
- 4:00 p.m. Anatomy Departmental Lecture. Room 110 Medical School. Speaker: Professor Jacques Benoit.
- 4:30-6:00 p.m. Duke Madrigal Rehearsal. Room 109 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "School For Scoundrels" with Terry-Thomas, Alastair Sim, and Ian Carmichael. A hilarious British one-upmanship treat based on the books by Stephen Potter. "A truly funny picture"—The New Yorker. "One of the Funniest"—Saturday Review. Also Academy Award winner and Venice Film Festival winner of Best Cartoon "Moonbird."
- 8:00 p.m. American Association of University Professors Meeting. Union Ballroom. Speaker: Professor W. B. Hamilton.
- 8:15 p.m. Voice Students' Recital. Music Room, East Duke Building.

Thursday, May 18

- 10:10 a.m. Divinity School Chapel. York Chapel. Speaker: The Reverend W. L. Freeman, Lakewood Methodist Church.
- 3:00 p.m. Newcomers' Club Meeting at the home of Mrs. Glenn R. Negley, 3610 Hathaway Road.
- 4:00 p.m. Graduate Faculty Meeting. Room 208 Flowers Building.
- 4:30-6:00 p.m. Duke Madrigal Group Rehearsal. Room 109 Asbury Building.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. Woodwind Quintet Students' Recital. Asbury Auditorium.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, May 19

- 10:00 a.m. The final examination of Miss Elaine Peuninger for the Ph.D. degree in English. Room 312 Allen Building.
- 10:10 a.m. Divinity School Chapel. York Chapel. Speakers: Dr. McMurray S. Richey and Mr. David Kirk.

- 12:30 p.m. Muslim Student Association. Room 207 Flowers Building.
- 2:30 p.m. The final examination of Mr. Russell Cooper Drew for the Ph.D. degree in Physics. Room 218 Physics Building.
- 3:00 p.m. The final examination of Mr. William R. Harms for the Ph.D. degree in Forestry. Room 317 Social Science Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.
- 7:30 p.m. The final examination of Mr. Charles Culver for the Ph.D. degree in Psychology. Room 206 Psychology Laboratory.

Saturday, May 20

- 8:00 a.m. The final examination of Mr. Alan R. Clarke for the Ph.D. degree in Psychology. Room 206 Psychology Laboratory.
- 9:00 a.m. The final examination of Mr. Philip Lewis Johnson for the Ph.D. degree in Botany. Room 116 Science Building.
- 4:00 p.m. Faculty Club Picnic. Hanes Field.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "School For Scoundrels" with Terry-Thomas, Alastair Sim, and Ian Carmichael. A hilarious British one-upmanship treat based on the books by Stephen Potter. "A truly funny picture"—The New Yorker. "One of the funniest"—Saturday Review. Also Academy Award winner and Venice Film Festival winner of Best Cartoon "Moonbird."

DENOMINATIONAL MEETINGS

Baptist Student Union: Sunday—9:15 a.m., Sunday School at First, Gray Stone, Temple and Watts Street Baptist Churches. 6:30 p.m., Training Union at above churches. Tuesday—5:15 p.m., East Campus Union. Speaker: Mr. C. B. Deane, President of the Baptist State Convention of North Carolina, and former congressman from North Carolina.

Episcopal Student Fellowship: Sunday—6:30 p.m., Evensong.

Lutheran Student Association: Sunday—6:30 p.m., 208 Flowers Building, Dr. Herbert P. Sullivan, "The Appeal and Significance of Some Modern-Day Religions" (including Zen Buddhism). Wednesday—7:15 and 8:00 a.m., Holy Communion, Chapel.

Methodist Student Fellowship: Tonight at 7:00 o'clock, Concert: Afrika Hayes, Soprano; Michael Best, Tenor; David Pizarro, Organ; and String Ensemble. The public is cordially invited to attend. (At the Methodist Student Center on Oregon Street.)

Westminster Fellowship: Sunday—9:30 a.m., Presbyterian Bible Class, 2127 Myrtle Drive. 6:30 p.m., Westminster Fellowship, The Ark. Wednesday—6:00 p.m., Supper Club, East Campus Union.

ORDER OF WORSHIP

The Reverend Professor McMurry S. Richey, The Divinity School, will deliver the sermon at the Sunday morning Service of Worship at 11:00 a.m. in the University Chapel. His subject will be "On Taking Refuge In a Church Attic." The order of service follows:

Presiding Minister: The Reverend Robert P. Hyatt,
Associate Director of Religious Life
Organ Prelude—Toccata in E^b *Saint-Saens*
Two Chorale Preludes *Brahms*
Call to Worship—"Sanctus from Mass II" *Hans Leo Hassler*
Hymn—"Praise to the Lord" *From Praxis Pietatis Melica*
Prayer of Confession
Words of Assurance
The Lord's Prayer
Anthem—"Mighty Lord, Thy Faithfulness Abideth Ever" *Antonio Lotti*
Scripture—Ephesians 3:14-4:7, 11-16
Hymn—"The Church's One Foundation" *Samuel S. Wesley*
Call to Prayer
The Pastoral Prayer of Adoration, Thanksgiving,
Intercession, Petition and Dedication
The Offering
Offertory Organ Interlude
Anthem—"Thy Word Is a Lantern" *Henry Purcell*
Response—The Doxology
Prayer of Dedication
Sermon—"On Taking Refuge In a Church Attic"
Prayer
Benediction
Choral Response—"Sevenfold Amen" *Stainer*
The Chimes
Organ Postlude—Fugue in E^b *Saint-Saens*

DUKE UNIVERSITY CONCERT BAND LAWN CONCERT

The University Concert Band, under the direction of Paul Bryan, will present a lawn concert in the Sarah P. Duke Memorial Gardens on Sunday afternoon, May 14th, at 4:00 p.m. Featured on the program will be Student Conductor Philip Rhodes and a trio composed of Haviland Abbott, Lynn Russell and Edward Keller performing "Buglers' Holiday" by Leroy Anderson.

The public is cordially invited both to attend the concert and to remain for an informal reception given by the Social Standards Committee. In the event of rain, the concert will be cancelled. The program is as follows:

March "French National Deñle" *A. Turllet*
(Le Regiment de Sambre-et-Meuse)
Overture to "Beatrice and Benedict" *Hector Berlioz*
March from Suite No. 2 *Holst*
Philip Rhodes, Student Conductor
Carnival from "La Fiesta Mexicana" Symphony *H. Owen Reed*
James Henry, Assistant Conductor

INTERMISSION

Overture to "Candide" *Leonard Bernstein*
Buglers' Holiday *Leroy Anderson*
Haviland Abbott, Lynn Russell, Edward Keller
"An American in Paris" *George Gershwin*
Scenarior from "The Sound of Music" *Rogers and Hammerstein*
Selected short subjects

SACRED CONCERT

The Methodist Student Center will present a concert of sacred music on Sunday, May 14th, at 7:00 p.m. in the Center. Musicians participating in the concert will be Miss Afrika Hayes, soprano; Mr. Michael Best, tenor; Mr. David Pizarro, organist; and members of a string ensemble, Miss Jean Phillips and Mr. Earl Sanders (violin) and Mrs. Frances Baker ('cello). The University Community is cordially invited to attend.

The program is as follows:

Church Sonata, Opus 3, Number 2 *Arcangelo Corelli*
Chaconne in E Minor *Dietrich Buxtehude*
Cantata: *Sicut Moses* *Dietrich Buxtehude*
Cantata: *Ave Maria* *anon. xviii cent. Spanish*
Sacred Concert: *Schaffe in mir, Gott, ein reines Herz* *Heinrich Schütz*
Gradual Sonata in F Major, K. 244 *Wolfgang Amadeus Mozart*
Trois Prieres: II *Ave Maris Stella* *Jean Langlais*
Motet, Opus 9, Number 2: *Ave Maria* *Marcel Dupre*
Adagio, K. 356 *Mozart*
Fantasia and Fugue in G Minor *Bach*

INSTRUMENTAL STUDENTS' RECITAL

The Department of Music will present a recital of instrumental solo and chamber music on Monday, May 15th, at 4:15 p.m. in the Asbury Auditorium. Students of Alice Wilkinson, James Henry and Julia Mueller will participate. They will be William Moores and Linda Speck, violists; Michael Greene and Russell Jones, clarinetists; Virginia Warr and Rosalind Grier, pianists; and Rose London, violinist. The public is cordially invited to attend.

JOINT DUKE-UNC PHYSICS COLLOQUIUM

The Joint Duke-UNC Physics Colloquium will meet on Monday, May 15th, at 4:30 p.m. in Room 265 Phillips Hall, University of North Carolina. Dr. M. E. Rose, Senior Scientist of the Oak Ridge National Laboratory, will speak on "Coherence Effect in Resonance Fluorescence."

PSYCHOLOGY COLLOQUIUM

The Department of Psychology Colloquium will be held Monday, May 15th, at 4:30 p.m. in Room 209 Bivins Building. Dr. H. D. Kimmel, Visiting Assistant Professor from the University of Florida, will speak on "Inhibitory Factors in Classical Conditioning: the Power of Negative Thinking." Coffee will be served preceding the Colloquium at 4:00 p.m.

NAVAL RESERVE MEETING

Naval Reserve Research Company 6-6 will meet in Room 135 Physics Building at 6:00 p.m. on Monday, May 15th. A report will be given on the Aerospace Medicine Seminar by members of the unit who attended. All Naval Reserve officers (especially students, faculty, and staff) are invited to attend and consider affiliating with this unit. Further information can be obtained from Leland Williams, Room 306 Duke Wing ARO(D) Building, telephone 286-9265.

SPECIAL BIOLOGY LECTURES

Two lectures in the Series on *Light Effects on Plants* will be delivered by Dr. Allan H. Brown, Department of Botany of the University of Minnesota. On Monday, May 15th, at 8:00 p.m. his subject will be "Effects of Light on Respiration." On Tuesday, May 16th, at 7:00 p.m. Dr. Brown will speak on "Influence of Photosynthesis on Respiratory Metabolism." Both lectures will be in Room 113 Biology Building.

ENGINEERING FACULTY MEETING

The Engineering Faculty will meet on Tuesday, May 16th, at 11:30 a.m. in Room 125 Engineering Building. Dr. F. P. Pike, Program Director for Engineering Sciences for the National Science Foundation, will be the guest speaker at this meeting.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Stephen Curtiss Paine for the Ph.D. degree in English will be held on Tuesday, May 16th, at 2:00 p.m. in the Library Conference Room. The subject of Mr. Paine's dissertation will be "A Critical Study of the Writings of Edward Eggleston." The committee to conduct the examination will consist of Professors Clarence Gohdes, Arlin Turner, C. Richard Sanders, Benjamin Boyce, and Charles Baylis. Professor Gohdes will preside.

ANATOMY DEPARTMENTAL LECTURES

The Department of Anatomy announces two lectures by Professor Jacques Benoit of the Laboratory of Histophysiology, Collège de France, Paris. On Tuesday, May 16th, at 4:00 p.m. in Room 110 Medical School he will speak on the topic "An Experimental Study of the Role of Light in the Reproductive Cycle of Birds." On Wednesday, May 17th, Dr. Benoit's topic will be "Morphological Modifications of the *Pekin Duck* after Deoxyribonucleic Acid Injections." This second lecture will also be held at 4:00 p.m. in Room 110 Medical School.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Norman Howard Barlow for the Ph.D. degree in Romance Languages will be held on Tuesday, May 16th, at 4:00 p.m. in the Library Conference Room. The subject of Mr. Barlow's dissertation will be "Charles-Augustin Sainte-Beuve as Precursor in the Poetic Formation of Charles Baudelaire: A Legacy in Lyric Themes and its Relation to a New Poetry of Modernity." The committee to conduct the examination will consist of Professors Loring B. Walton, Gifford Davis, T. R. Cordle, P. R. Vincent, and H. D. Salinger. Professor Walton will preside.

PIANO STUDENTS' RECITAL

The Department of Music will present a piano recital by students of Alice Wilkinson on Tuesday, May 16th, at 8:15 p.m. in Asbury Auditorium. Mrs. Wilkinson is an Instructor in the Department of Music. The public is cordially invited to attend.

The program will be as follows:

Prelude in C, Vol. I		<i>Bach</i>
Sonata in F. K. 300	Maripat Hill	<i>Mozart</i>
Fantasia in D minor	Linda Speck	<i>Mozart</i>
Intermezzo in C-sharp minor, Op. 117	Alan Kahn	<i>Brahms</i>
Waltz in B minor	Mary Ellen Cyrus	<i>Chopin</i>
Prelude in C minor	Lyn Kutcher	<i>Bach</i>
Brüyères		<i>Debussy</i>
Valse Oubliée	Ann Uzzell	<i>Liszt</i>
Prelude in F-sharp minor	Mary McCrary	<i>Kabalevsky</i>
Prelude in E		<i>Kabalevsky</i>
Sonata in D	Eleanor Dantzler	<i>Haydn</i>
Tempodi Menuetto		
Sonata in C minor, Op. 10, No. 1	Rosalind Grier	<i>Beethoven</i>
Adagio		
Waltz in A-flat, Op. 42	Virginia Warr	<i>Chopin</i>
Sonata in D. K. 576		<i>Mozart</i>
Adagio Allegro		
Polonaise in A	Barbara Figge	<i>Chopin</i>

COMBINED MILITARY REVIEW

The Combined Military Review of the Midshipmen and Cadets of the Naval and Air Force Reserve Officers Training Corps will be held on Wednesday, May 17th, at 2:00 p.m. at the upper drill field, West Campus. President Hart and other dignitaries will present awards to outstanding midshipmen and cadets. In case of inclement weather, the ceremony will be conducted in Page Auditorium.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Tadashi Kikuchi for the Ph.D. degree in Physics will be held on Wednesday, May 17th, at 2:30 p.m. in Room 218 Physics Building. The subject of Mr. Kikuchi's dissertation will be "The Rho-Value for the Beta-Decay of the Negative Muon." The committee to conduct the examination will consist of Professors Martin Block, Walter Gordy, R. M. Williamson, Horst Meyer, and J. H. Roberts. Professor Block will preside.

AMERICAN ASSOCIATION OF UNIVERSITY PROFESSORS MEETING

There will be a meeting of the Duke Chapter of the A.A.U.P. on Wednesday, May 17th, at 8:00 p.m. in the Union Ballroom. After the annual election of officers, Professor W. B. Hamilton will speak on the topic "The Faculty and Duke Government: a Year on the University Council." The meeting is open to members of the Faculty only.

The treasurer, Professor Oliver Ferguson, urgently requests all members who have not yet paid their chapter dues of \$1.00 to do so as soon as possible. Kindly send your remittance to Professor Ferguson, 315 Allen Building.

VOICE STUDENTS' RECITAL

The Department of Music will present a voice recital by students of Gene Strassler on Wednesday, May 17th, at 8:15 p.m. in the Music Room, East Duke Building. Mr. Strassler is Visiting Assistant Professor in the Department of Music during the spring semester of this year. Accompanist for the recital will be Miss Ruth Friedberg. The public is cordially invited to attend.

The program will be as follows:

I	
Velvet Shoes	Randall Thompson
The Sally Gardens	Claudia Bray <i>English Folk Song, Arranged by Benjamin Britten</i>
Sleep	Mike Best <i>Peter Warlock</i>
II	
Alluja (from <i>Exsultate, Jubilate</i>)	Peggy McLarty <i>W. A. Mozart</i>
Lord God of Abraham	Irene Dodd
It is Enough (from <i>Elijah</i>)	Les Wasserman <i>Felix Mendelssohn</i>
Oh had I Jubal's Lyrd (from <i>Johua</i>)	G. F. Handel
Hear Ye, Israel (from <i>Elijah</i>)	Nancy Lassiter <i>Felix Mendelssohn</i>
III	
O del mio amato ben	Claudia Bray <i>Stefano Donaudy</i>
Ideale	F. Paolo Tosti
L'alba separa dalla luce l'ombra	Mike Best <i>F. Paolo Tosti</i>
IV	
Ensourdine	Gabriel Fauré
Au cimetiere	Claudia Bray <i>Gabriel Fauré</i>
Apres un reve	Peggy McLarty <i>Gabriel Fauré</i>
Nell	
V	
Je ris de me voir si belle (en ce miroir)	Irene Dodd <i>Charles Gounod</i>
(from <i>Faust</i>)	
Je dis que rien ne m'epouvante (from <i>Carmen</i>)	Nancy Lassiter <i>Georges Bizet</i>
Il lamento di Federico (from <i>L'Arlesiana</i>)	Mike Best <i>Francesco Cilea</i>

NEWCOMERS' CLUB MEETING

On Thursday, May 18th, at 3:00 p.m. the Duke Newcomers' Club will hold its last meeting of the year with a tea at the home of Mrs. Glenn R. Nagley, 3610 Hathaway Road. Special guests will be the new president of the Campus Club, Mrs. Ray Petry, and all the past presidents still residing in Durham. All members are cordially invited to attend.

GRADUATE FACULTY MEETING

The Graduate Faculty will meet on Thursday, May 18th, at 4:00 p.m. in Room 208 Flowers Building.

WOODWIND QUINTET STUDENTS' RECITAL

The Department of Music will present a Woodwind Quintet Recital on Thursday, May 18th, at 8:15 p.m. in Asbury Auditorium. The performers are students of James Henry, Instructor in the Department of Music, and will be Tom Howell, Flute; Bill Roumillat,

Oboe; Peter Gold, Clarinet; Neil Huffaker, Horn; and Crawford Best, Bassoon. The public is cordially invited.

The program will be as follows:

Concerto for Woodwind Quintet, Opus 124

Joseph Jongen (1912)

Trois Pièces Brèves

Jacques Ibert

Allegro

Andante

Allegro scherzando

INTERMISSION

Kleine Kammermusik, Opus 24, No. 2

Paul Hindemith

Playful

Waltz

With quiet simplicity

Rapid

Very lively

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Miss Elaine Penninger for the Ph.D. degree in English will be held on Friday, May 19th, at 10:00 a.m. in Room 312 Allen Building. The subject of Miss Penninger's dissertation will be "The Significance of the Corpus Christi Plays as Drama with Particular Reference to the Towneley Cycle." The committee to conduct the examination will consist of Professors Joseph A. Bryant, Holger Nygard, Benjamin Boyce, Clarence Gohdes, and Patrick R. Vincent. Professor Bryant will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Russell Cooper Drew for the Ph.D. degree in Physics will be held on Friday, May 19th, at 2:30 p.m. in Room 218 Physics Building. The subject of Mr. Drew's dissertation will be "Electron Paramagnetic Resonance Studies of Gamma-Irradiated Polypeptides." The committee to conduct the examination will consist of Professor Walter Gordy, Eugene Greuling, R. M. Williamson, Horst Meyer, and Seth L. Warner. Professor Gordy will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. William R. Harms for the Ph.D. degree in Forestry will be held on Friday, May 19th, at 3:00 p.m. in Room 317 Social Science Building. The subject of Mr. Harms' dissertation will be "A Study of the Effect of Certain Climatic Factors on Soil Moisture and the Growth of Planted Slash Pine." The committee to conduct the examination will consist of Professors C. W. Ralston, H. J. Oosting, W. D. Billings, F. X. Schumacher, and F. W. Woods. Professor Ralston will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Charles Culver for the Ph.D. degree in Psychology will be held on Friday, May 19th, at 7:30 p.m. in Room 206 Psychology Laboratory. The subject of Mr. Culver's dissertation will be "The Effect of Cue Value on Size Estimation in Schizophrenic Subjects." The committee to conduct the examination will consist of Professors Karl Zener, Louis D. Cohen, Norman Garnezy, Eliot Rodnick, and Talmadge L. Peele. Professor Zener will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Alan R. Clarke for the Ph.D. degree in Psychology will be held on Saturday, May 20th, at 8:00 a.m. in Room 206 Psychology Laboratory. The subject of Mr. Clarke's dissertation will be "Conformity Behavior of Schizophrenic Subjects to Maternal Figures." The committee to conduct the examination will consist of Professors Norman Garnezy, Norman Guttman, Edward E. Jones, Eliot Rodnick, and Romane Clark. Professor Garnezy will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Philip Lewis Johnson for the Ph.D. degree in Botany will be held on Saturday, May 20th, at 9:00 a.m. in Room 116 Science Building. The subject of Mr. Johnson's dissertation will be "The Alpine Vegetation of the Beartooth Plateau in Relation to Cryopedogenic Processes and Patterns." The committee to conduct the examination will consist of Professors W. D. Billings, W. L. Culberson, A. W. Naylor, H. J. Oosting, and C. W. Ralston. Professor Billings will preside.

FACULTY CLUB PICNIC

The annual Faculty Club Picnic will be held on Saturday, May 20th, beginning at 4:00 p.m. on East Campus near the gymnasium. Recreation will include soft ball for the men, relaxing and chatting for the women. For the children there will be swimming from 4:15 to 5:00, pony rides, fire truck and sport cars. A Community Supper will begin at 5:30 with each family's contributions served together buffet style. Lemonade and ice cream will be provided.

Members are reminded to return their reservation cards to Miss Julia R. Grout, 101 Gymnasium, East Campus, by Wednesday, May 17th.

DINING HALLS COMMENCEMENT SCHEDULE 1961

<i>Saturday,</i>				
<i>June 3:</i>	<i>Dining Hall A</i>	<i>Dining Hall D</i>	<i>Oak</i>	<i>Room</i>
Breakfast		7:00-11:00		
Lunch		11:30- 1:30	11:30-2:00	
Dinner		5:00- 6:30	5:00-7:00	
<i>Sunday</i>				
<i>June 4:</i>				
Breakfast	7:00-9:15	7:00-10:30		
Lunch	11:30-1:30	11:30- 1:30	11:30-2:00	
Dinner		5:00- 6:30	5:00-7:00	
<i>Monday</i>				
<i>June 5:</i>				
Breakfast	7:00-9:15	7:00-11:00		
Lunch	11:30-1:30	11:30- 1:30	11:30-2:00	
Dinner		5:00- 6:30		

ADVANCE NOTICE OUTDOOR RECEPTION

The Committee on Arrangements for the Outdoor Reception in honor of the graduating classes wishes to remind the faculty that this Reception is to be held on Sunday, June 4th, at 6:00 p.m. on the lawn in front of East Duke Building. All faculty members and their wives are cordially invited to attend. If it rains, the Reception will be held in the Woman's College Union.

ADVANCE NOTICE VIOLIN STUDENT RECITAL

The Department of Music will present a recital by Rose London, violinist, assisted by Mrs. Rnth Friedberg, pianist, in the Music Room of East Duke Building on Sunday, May 21st, at 8:15 p.m. Miss London, daughter of Mrs. Fritz London, is a senior at Durham High School and is a pupil of Julia Mueller. The public is cordially invited to attend.

The program will be as follows:

Sonata in G minor, No. 2	<i>Handel</i>
Andante	
Allegro	
Adagio	
Allegretto	
Kol Nidre, Op. 47	<i>Bruch</i>
Four Madrigal Stanzas	<i>Martini</i>
I. Moderato	
II. Poco allegretto	
III. Andante moderato	
IV. Poco allegro	
Sonata in A minor, Op. 23, No. 4	<i>Beethoven</i>
Presto	
Andante Scherzoso, più allegretto	
Allegro molto	

50 BOOKS OF THE YEAR AT WOMAN'S COLLEGE LIBRARY

"Fifty Books of the Year," the thirty-ninth annual exhibition of the best examples of American book design and manufacture, selected by a jury of the American Institute of Graphic Arts, New York, will be shown at the Woman's College Library from Sunday, May 14th, through Sunday, June 4th. The exhibition opened at the Boston Public Library on April 12th and comes to Durham directly from Boston. It is brought here through the Institute's local affiliate, the Duke University Press.

DUKE PLAYERS TICKET REFUND

Duke Players regrets that the double bill of "The Chairs" and "The Lesson," by Eugene Ionesco, originally planned for May 3rd, 4th, 5th, and 6th had to be cancelled. We wish to let holders of season tickets know that they may secure a refund for this cancelled fourth production by sending the season ticket stub to: Business Manager, Duke Players, Box 6936, College Station; or simply send it by campus mail to Branson Building, East Campus.

ANNOUNCEMENT OF 1961-'62 ARTISTS' SERIES

The 1961-'62 Duke University Artists' Series announces the following attractions for the 1961-'62 Season:

Bayanihan Philippine Dance Company	Thursday, November 30
Philadelphia Orchestra,	
Eugene Ormandy Conducting	Tuesday, January 9
The Robert Shaw Chorale and Orchestra	
	Thursday, February 1
performing Bach's "Passion According to St. John"	
Leon Fleisher, Pianist	Tuesday, February 20
Elisabeth Schwarzkopf, Soprano	Friday, March 9

Season ticket reservations priced at \$8.00, \$9.00, and \$10.00 are available in 202-A Flowers Building, by calling Extension 2911 or by writing Box KM, Duke Station.

WEEK OF
May 21-27, 1961

CALENDAR

WEEK OF
May 21-27, 1961

OF
DUKE UNIVERSITY



Events of the Week

Sunday, May 21

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor Eddy Asirvatham, Professor of Political Science at Nagpur University, India. Sermon: "The Future of Christianity in India." Broadcast over Radio Station WDNC and WDNC-FM.

8:15 p.m. Violin Student Recital. Music Room, East Duke Building.

Monday, May 22

3:00 p.m. The final examination of Mr. James Russell Hailey for the Ph.D. degree in Religion. Room 125 Allen Building.

5:00 p.m. Faculty Volleyball. Indoor Stadium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Tuesday, May 23

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15 p.m. Beginning Tennis Classes. East Campus Gymnasium.

5:30 p.m. French Table. East Campus Union Building.

8:00 p.m. Sigma Xi Initiation and Presidential Address. Physics Auditorium. Speaker: Dr. Paul M. Gross.

Wednesday, May 24

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "School for Scoundrels," with Terry-Thomas, Ian Carmichael and Alastair Sim. A hilarious British one-upmanship treat based on the books by Stephen Potter. "A truly funny picture"—The New Yorker. "One of the Funniest"—Saturday Review. Also Academy Award winner and Venice Film Festival winner of Best Cartoon "Moonbird."

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

Thursday, May 25

- 9:00 a.m. The final examination of Mr. Walter Frank Muegler for the Ph.D. degree in Botany, Room 116, Science Building.
- 2:30 p.m. The final examination of Mr. John David Spangler for the Ph.D. degree in Physics. Room 218 Physics Building.
- 5:00 p.m. Faculty Volleyball. Indoor Stadium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, May 26

- 9:00 a.m. The final examination of Mrs. Lonise Mashburn for the Ph.D. degree in Biochemistry. Room 262 Bell Building.
- 12:30 p.m. Muslim Student Association. Room 207 Flowers Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6 and 12 must be accompanied by their mothers.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor Eddy Asirvatham, Professor of Political Science at Nagpur University, India, will deliver the sermon at the Sunday morning Service of Worship at 11:00 a.m. in the University Chapel. His subject will be "The Future of Christianity in India." The order of worship follows:

Presiding Minister: The Reverend Howard C. Wilkinson,
Chaplain to the University

Organ Prelude—Passacaglia in C minor *Bach*

Call to Worship—"Sanctus from Mass II" *Hans Leo Hassler*

Hymn—"God the Omnipotent!" *Alexis F. Lvov*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Remember Not, Lord, Our Offences" *Henry Purcell*

Scripture—Luke 4:14-24

Hymn—"In Christ There Is No East Or West" *Alexander R. Reinagle*

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving,
Intercession, Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"How Lovely Is Thy Dwelling-place" *Johannes Brahms*

Response—The Doxology

Prayer of Dedication

Sermon—"The Future of Christianity in India"

Prayer

Benediction

Choral Response—"Sevenfold Amen" *Stainer*

Orgau Postlude—Fugue in C minor *Bach*

DENOMINATIONAL MEETINGS

Baptist Student Union: Sunday—9:15 a.m., Sunday School at First, Grey Stone, Temple and Watts Street Baptist Churches. 6:30 p.m., Training Union at above churches.

Episcopal Student Fellowship: Sunday—9:30 a.m., Holy Communion. **Wednesday—5:15 p.m.,** Holy Communion.

Lutheran Student Association: Sunday—6:00 p.m., Last meeting at Chaplain Shuford's, 806 Lonise Circle. Conversation and refreshments, etc. Rides from East and West at 5:45. **Wednesday—7:15 and 8:00 a.m.,** Holy Communion, Chapel. Last of the year.

Methodist Student Fellowship: Sunday—6:30 p.m., Evening prayer, with sermon by Art Brandenburg. 6:00 p.m., **Wednesday,** Holy Communion.

Westminster Fellowship: Sunday—6:30 p.m., Holy Communion, East Duke Chapel.

VIOLIN STUDENT RECITAL

The Department of Music will present a recital by Rose London, violinist, assisted by Mrs. Ruth Friedberg, pianist, in the Music Room of East Duke Building on Sunday, May 21st, at 8:15 p.m. Miss London, daughter of Mrs. Fritz London, is a senior at Durham High School and is a pupil of Julia Mueller. The public is cordially invited to attend.

The program will be as follows:

Sonata in G minor, No. 2 *Handel*

Andante

Allegro

Adagio

Allegretto

Kol Nidre, Op. 47 *Bruch*

Four Madrigal Stanzas *Martini*

I. Moderato

II. Poco allegretto

III. Andante moderato

IV. Poco allegro

Sonata in A minor, Op. 23, No. 4 *Beethoven*

Presto

Andante Scherzoso, più allegretto

Allegro molto

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. James Russell Hailey for the Ph.D. degree in Religion will take place on Monday, May 22nd, at 3:00 p.m. in Room 125 Allen Building. The subject of Mr. Hailey's dissertation is "Old Testament Man's Attitudes to Life." The examining committee will be comprised of Professors William F. Stinespring, Kenneth W. Clark, John Stragnell, Hugh Anderson, and Robert S. Rogers, with Professor Stinespring as chairman.

SIGMA XI INITIATION AND PRESIDENTIAL ADDRESS

Dr. Paul M. Gross, William Howell Pegram Professor of Chemistry, retiring president of the Duke Chapter of Sigma Xi and President-elect of the American Association for the Academy of Sciences will address the society on Tuesday, May 23rd, at 8:00 p.m. in the Physics Auditorium. His subject will be "The National Effort in Science." All initiates are requested to be present.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. John David Spangler for the Ph.D. degree in Physics will take place on Thursday, May 25th, at 2:30 p.m. in Room 218 Physics Building. Mr. Spangler's dissertation is on the subject "The Effects of Environment on the Near Ultraviolet Benzene Absorption in a Cyclohexane Crystalline Matrix at 77° K and 4.2° K." Members of the examining committee will be Professors Hertha Sponer, Eugene Greuling, Horst Meyer, Henry W. Newson, and J. J. Gergen. Professor Sponer will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Walter Frank Muegler, for the Ph.D. degree in Botany, will take place on Thursday, May 25 at 9:00 a.m. in Room 116 Science Building. Mr. Muegler's dissertation is on the subject "Ecology of Seral Shrub Communities in the Cedar-Hemlock Zone of Northern Idaho." Members of the examining committee will be Professors H. J. Oosting, W. D. Billings, L. E. Anderson, R. L. Wilbur, C. W. Ralston, with Professor Oosting presiding.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mrs. Louise Mashburn for the Ph.D. degree in Biochemistry will take place on Friday, May 26th, at 9:00 a.m. in Room 262 Bell Building. The subject of Mrs. Mashburn's dissertation is "Studies of Lipolytic Enzymes Purification and Separation of Some Lipolytic Enzymes in Adipose Tissue." The examining committee will be comprised of Professors William S. Lynn, Philip Handler, William S. Byrne, Louis D. Quin, and H. A. Strobel. Professor Lynn will preside.

DUKE NURSERY SCHOOL OPENINGS

There are several openings in the three and four year old group at the Duke University Nursery School. Interested persons are requested to contact Marie Hinman, Director, Duke University extension 3673. Visitors are welcome during the school hours of 9:00 a.m. to 12:00 m. and 2:00 to 5:00 p.m.

1961 SUMMER SCHOOL PREACHING SCHEDULE

- June 18
The Reverend Professor James T. Cleland, Dean of the Chapel
- June 25
The Reverend Howard C. Wilkinson, Chaplain to the University
- July 2
Dean James T. Cleland
- July 9
The Reverend Professor Herbert Henry Farmer, Cambridge University
- July 16
The Reverend Professor McMurry S. Richey, The Divinity School
- July 23
The Reverend Dr. Mark Depp, Minister, Centenary Methodist Church, Winston-Salem
- July 30
The Reverend Dr. W. Arthur Kale, The Divinity School
- August 6
The Reverend Dr. Brian S. O'Gorman, Wolverhampton, England
- August 13
The Reverend Professor John W. Carlton, The Divinity School
- August 20
The Reverend Henry G. Ruark, Minister, First Methodist Church, Laurinburg

LIBRARY SCHEDULES

During the intersession period, June 1-June 13, and the summer session, June 14-August 23, the libraries will operate according to the following schedules:

INTERSESSION SCHEDULE: GENERAL LIBRARY

Wednesday, May 31	8:00 a.m.-6:00 p.m.
Thursday, June 1-Friday, June 2	9:00 a.m.-5:00 p.m.
Saturday, June 3	9:00 a.m.-1:00 p.m.

(The Rare Book Room and the Main Loan Desk will remain open until 5:00 p.m. this date.)

Sunday, June 4	Closed
Monday, June 5-Tuesday, June 13:	
Monday-Friday	9:00 a.m.-5:00 p.m.
Saturday	9:00 a.m.-1:00 p.m.
Sunday	Closed

SUMMER SESSION SCHEDULE: GENERAL LIBRARY

(Wednesday, June 14 through Wednesday, August 23)	
Monday-Friday	8:00 a.m.-10:00 p.m.
Saturday	8:00 a.m.- 6:00 p.m.
Sunday	2:00 p.m.- 6:00 p.m.

SUMMER SESSION SCHEDULE:

WOMAN'S COLLEGE LIBRARY

Wednesday, May 31	8:00 a.m.-6:00 p.m.
Thursday, June 1—Wednesday, September 20:	
Monday-Friday	8:30 a.m.-4:30 p.m.
Saturday	8:30 a.m.-1:00 p.m.
Sunday	Closed

Schedules for school, college and departmental libraries will be posted in those libraries.

LIBRARY EXHIBIT

An exhibit commemorating the 100th anniversary of the First Battle of Manassas (Bull Run), July 21, 1861, is currently being displayed in the General Library. Fifty-three contemporary letters, selected from the thousands of Civil War Manuscripts in the library's collections, show in part the hopes, fears and reactions of the civilian soldier as he participates in his first major battle. Letters from the papers of such well-known historical figures as J. E. B. Stuart and Joseph E. Johnston are also displayed. Descriptive leaflets on the exhibit are available in the Southeast lobby of the library.

50 BOOKS OF THE YEAR AT WOMAN'S COLLEGE LIBRARY

"Fifty Books of the Year," the thirty-ninth annual exhibition of the best examples of American book design and manufacture, selected by a jury of the American Institute of Graphic Arts, New York, will be shown at the Woman's College Library from Sunday, May 14th, through Sunday, June 4th. The exhibition opened at the Boston Public Library on April 12th and comes to Durham directly from Boston. It is brought here through the Institute's local affiliate, the Duke University Press.

ANNOUNCEMENT OF 1961-'62 ARTISTS' SERIES

The 1961-'62 Duke University Artists' Series announces the following attractions for the 1961-'62 Season:

Bayanihan Philippine Dance Company	Thursday, November 30
Philadelphia Orchestra,	
Eugene Ormandy Conducting	Tuesday, January 9
The Robert Shaw Chorale and Orchestra	
performing Bach's "Passion According to St. John"	
	Thursday, February 1
Leon Fleisher, Pianist	Tuesday, February 20
Elisabeth Schwarzkopf, Soprano	Friday, March 9

Season ticket reservations priced at \$8.00, \$9.00, and \$10.00 are available in 202-A Flowers Building, by calling Extension 2911 or by writing Box KM, Duke Station.

DINING HALLS COMMENCEMENT SCHEDULE 1961

	<i>Dining Hall A</i>	<i>Dining Hall D</i>	<i>Oak Room</i>
<i>Saturday,</i> <i>June 3:</i>			
Breakfast		7:00-11:00	
Lunch		11:30- 1:30	11:30-2:00
Dinner		5:00- 6:30	5:00-7:00
<i>Sunday</i> <i>June 4:</i>			
Breakfast	7:00-9:15	7:00-10:30	
Lunch	11:30-1:30	11:30- 1:30	11:30-2:00
Dinner		5:00- 6:30	5:00-7:00
<i>Monday</i> <i>June 5:</i>			
Breakfast	7:00-9:15	7:00-11:00	
Lunch	11:30-1:30	11:30- 1:30	11:30-2:00
Dinner		5:00- 6:30	

ADVANCE NOTICE OUTDOOR RECEPTION

The Committee on Arrangements for the Outdoor Reception in honor of the graduating classes wishes to remind the faculty that this Reception is to be held on Sunday, June 4th, at 6:00 p.m. on the lawn in front of East Duke Building. All faculty members and their wives are cordially invited to attend. If it rains, the Reception will be held in the Woman's College Union.

SCHEDULING NOTICE

Information for the printed UNIVERSITY FALL ACTIVITIES CALENDAR, published and distributed by the Student Union must be in 202-A Flowers Building by June 1st. Faculty and staff members scheduling events for the 1961-62 academic year are urged to record these dates as soon as possible.

QUADRANGLE PICTURES CLOSING DATE

Quadrangle Pictures will be closed after the Wednesday, May 24th, showing of "School For Scoundrels" and will reopen on Wednesday, June 14th for the Summer Session.

WEEK OF
May 28-June 5, 1961

WEEK OF
May 28-June 5, 1961

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, May 28

Denominational Meetings. See special notice.

- 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Sermon: "How Can Three Be One?" Broadcast over Radio Station WDNC and WDNC-FM.

Monday, May 29

- 2:30 p.m. The final examination of Mr. John Barry Hynes for the Ph.D. degree in Chemistry. Room 220 Chemistry Building.
- 3:00 p.m. The final examination of Mr. Kenneth R. Burstein for the Ph.D. degree in Psychology. Room 206 Psychology Laboratory.

Tuesday, May 30

- 4:00 p.m. The final examination of Mr. Anthony Esler for the Ph.D. degree in History. Room 234 Allen Building.

Wednesday, May 31

- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.

Friday, June 2

- 9:00 a.m. Commencement Golf Tournament. Duke Golf Course.

Saturday, June 3

Commencement Schedule. See special notice.

- 9:00 a.m. Commencement Golf Tournament continued. Duke Golf Course.
- 8:45 p.m. Hoof 'n' Horn Show: "The Boy Friend." Page Auditorium.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Howard C. Wilkinson, Chaplain to the University, will deliver the sermon at the Sunday morning Service of Worship at 11:00 a.m. in the University Chapel. His topic will be "How Can Three Be One?"

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. John Barry Hynes for the Ph.D. degree in Chemistry will take place on Monday, May 29th, at 2:30 p.m. in Room 220 Chemistry Building. Mr. Hynes' dissertation is on "The Separation and Identification of some New Highly Fluorinated Organic Compounds of Nitrogen Prepared by Direct Fluorination." Members of the examining committee will be Professors L. A. Bigelow, Frances Brown, Pelham Wilder, Peter Smith, Henry W. Newson, with Professor Bigelow presiding.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Kenneth R. Burstein for the Ph.D. degree in Psychology will take place on Monday, May 29th, at 3:00 p.m. in Room 206 Psychology Laboratory. The subject of Mr. Burstein's dissertation is "Eyelid Conditioning and Unconditioned Stimulus Intensity." Professors Gregory A. Kimble, C. Alan Boneau, Norman Guttman, Martin Lakin, and F. G. Hall will comprise the examining committee, with Professor Kimble presiding.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Anthony Esler for the Ph.D. degree in History will take place on Tuesday, May 30th, at 4:00 p.m. in Room 234 Allen Building. Mr. Esler's dissertation concerns "The Aspiring Mind of the Elizabethan Younger Generation." The examining committee will be comprised of Professors A. B. Ferguson, Richard Watson, John S. Curtiss, Ernest W. Nelson, and Robert S. Rogers. Professor Ferguson will preside.

GOLF TOURNAMENT

The thirteenth annual Alumni Golf Tournament will be held on Friday, June 2nd, and Saturday morning, June 3rd, on the Duke Golf Course. The Tournament chairman is Mr. W. P. Budd, Jr., '36. The registration fee of \$1.00 is payable in advance. Greens fees are payable at the course. All alumni, trustees, faculty, and members of the 1961 graduating classes are invited to participate.

COMMENCEMENT ENTERTAINMENT "THE BOY FRIEND"

The Hoof 'n' Horn Show, an annual presentation for Joe College Week-end, will repeat its performance as the commencement entertainment to be given on Saturday evening, June 3rd, at 8:45 p.m. in Page Auditorium. The show is a musical comedy "The Boy Friend," written by Sandy Wilson and directed in this production by Earl McCarroll, '61. In this parody on British musical comedies of the 1920's, flappers and sheiks are affectionately portrayed and delightfully spoofed. The action is given a continental touch with its cast of perfect young ladies (English) at a Riviera finishing school and their boy friends (French and American). A special feature of the production will be the dances of the cast, choreographed by Bill Nickle, '62.

Tickets priced at \$1.50 will be on sale in the Page Auditorium box office on Thursday and Friday, June 1st and 2nd, from 2:00-5:00 p.m. and on Saturday, June 3rd, from 2:00 p.m. until performance time. Reservations may be made during box office hours by calling extension 2911.

NURSING SCHOOL PIN PRESENTATIONS

Seniors of the School of Nursing will receive their pins in a ceremony in Page Auditorium on Sunday, June 4th, at 2:30 p.m. Their families, friends, and members of the University Community are cordially invited to this part of graduation.

ADVANCE NOTICE NAVAL RESERVE MEETINGS

Naval Reserve Research Company 6-6 will meet twice during the first two weeks of June. The first meeting will take place on Monday, June 5th, with Dr. Charles Furgason speaking on "Productivity Analysis." At the second meeting, to be held on Monday, June 12th, Dr. T. W. Schmidt will speak on "World War II German Military Research." Both meetings will be in Room 135 Physics Building at 6:00 p.m.

All Naval Reserve officers (especially students, faculty, and staff) are invited to attend and consider affiliating with this unit. Further information can be obtained from Leland Williams, Room 306 Duke Wing ARO(D) Building, telephone 286-9265.

CARILLON RECITAL

Anton Brees, Carillonneur, Bok Singing Tower, Lake Wales, Florida, will present a carillon recital from the Duke Chapel Tower on Sunday afternoon, June 4th, at 3:30 as part of the Commencement Program. The performance will be this distinguished artist's 30th consecutive commencement program at Duke.

COMMENCEMENT ORGAN RECITAL

The Commencement Organ Recital will be presented on Sunday, June 4th, by Mildred L. Hendrix, University Organist, assisted by Julia W. Mueller, violinist, and John Hanks, tenor, both of the Music Department. The program, which is open to the public, may be heard at 4:30 p.m. in the University Chapel and will be composed of music of Johann Sebastian Bach. The program follows:

Chorale-Prelude: *In Dulci Jubilo*

Concerto I in G major

Allegro

Grave

Presto

Mrs. Hendrix

Aria from Cantata No. 58: *Ich bin vergnugt in meinem Leiden.*

Mr. Hanks, Mrs. Mueller and Mrs. Hendrix

Chorale-Prelude: *Nun komm', der Heiden Heiland*

Mrs. Hendrix

Aria from Cantata No. 186: *Die Armen will der Herr umaren.*

Mr. Hanks, Mrs. Mueller and Mrs. Hendrix

Fugue in E flat

(The St. Anne)

Mrs. Hendrix

Aria from Cantata No. 57: *Ich ende behende mein irdisches Leben.*

Mr. Hanks, Mrs. Mueller and Mrs. Hendrix

Passacaglia and Fugue in C minor

Mrs. Hendrix

1961 COMMENCEMENT PROGRAM

FRIDAY, JUNE 2ND

9:00 a.m. Golf Tournament. Duke University Golf Course. Tournament will continue on Saturday.

SATURDAY, JUNE 3RD

9:00 a.m. Annual meeting of the Board of Trustees.

11:00 a.m. Discussion Groups. West Campus. "The Population Explosion," Dr. J. J. Spengler. "The Day Everyone Looks Forward To," Dr. Ewald W. Busse.

1:00 p.m. Luncheon of Trustees with National Council. West Campus Union.

Information for the printed UNIVERSITY FALL ACTIVITIES CALENDAR, published and distributed by the Student Union must be in 202-A Flowers Building by June 1st. Faculty and staff members scheduling events for the 1961-62 academic year are urged to record these dates as soon as possible.

LIBRARY EXHIBIT

An exhibit commemorating the 100th anniversary of the First Battle of Manassas (Bull Run), July 21, 1861, is currently being displayed in the General Library. Fifty-three contemporary letters, selected from the thousands of Civil War Manuscripts in the library's collections, show in part the hopes, fears and reactions of the civilian soldier as he participates in his first major battle. Letters from the papers of such well-known historical figures as J. E. B. Stuart and Joseph E. Johnston are also displayed. Descriptive leaflets on the exhibit are available in the Southeast lobby of the library.

50 BOOKS OF THE YEAR AT WOMAN'S COLLEGE LIBRARY

"Fifty Books of the Year," the thirty-ninth annual exhibition of the best examples of American book design and manufacture, selected by a jury of the American Institute of Graphic Arts, New York, will be shown at the Woman's College Library from Sunday, May 14th, through Sunday, June 4th. The exhibition opened at the Boston Public Library on April 12th and comes to Durham directly from Boston. It is brought here through the Institute's local affiliate, the Duke University Press.

SUMMER SESSION CHAPEL CHOIR

The first Chapel Choir rehearsal for the summer session will be held on Saturday evening at 6:30 p.m. on June 17th in the Chapel. Auditions will be held on Saturday, June 17th, from 2:00-5:00 p.m. in the Chapel basement. All interested persons are asked to call extension 3898 for an appointment. All members of the Chapel Choir during the regular academic year are eligible for the summer session without auditions. The summer choir will be directed by Mr. William E. Waters and Professor Paul Young.

THE SUNDIAL

This is the final issue of the Weekly Calendar for the year 1960-'61. On Tuesday, June 13th, registration day for the Summer Session, the first issue of the **Sundial**, an announcement of weekly activities of the summer months, will be distributed in the Indoor Stadium. This will be a general orientation issue. Anyone wishing to have a notice in this issue is requested to submit copy to the Student Activities Office, 202-A Flowers Building, by 1:00 p.m. on Thursday, June 8th.

The **Sundial** will be issued each Saturday thereafter during the summer months. It will be distributed to the faculty and administration on East and West Campuses, and will be available to students on bulletin boards and in the dormitory offices.

Copy for regular issues of the **Sundial** must be submitted in typewritten form to Room 202-A Flowers Building by 1:00 p.m. on Thursday prior to publication on Saturday.

1961 SUMMER SESSION PREACHING SCHEDULE

June 18th

The Reverend Professor James T. Cleland, Dean of the Chapel.

June 25th

The Reverend Howard C. Wilkinson, Chaplain to the University.

July 2nd

Dean James T. Cleland.

July 9th

The Reverend Professor Herbert Henry Farmer, Cambridge University.

July 16th

The Reverend Professor McMurry S. Richey, The Divinity School.

July 23rd

The Reverend Dr. Mark Depp, Minister, Centenary Methodist Church, Winston-Salem.

July 30th

The Reverend Dr. W. Arthur Kale, The Divinity School.

August 6th

The Reverend Dr. Brian S. O'Gorman, Wolverhampton, England.

August 13th

The Reverend Professor John W. Carlton, The Divinity School.

August 20th

The Reverend Henry G. Ruark, Minister, First Methodist Church, Laurinburg.

LIBRARY SCHEDULES

During the intersession period, June 1-June 13, and the summer session, June 14-August 23, the libraries will operate according to the following schedules:

INTERSESSION SCHEDULE: GENERAL LIBRARY

Wednesday, May 31	8:00 a.m.-6:00 p.m.
Thursday, June 1-Friday, June 2	9:00 a.m.-5:00 p.m.
Saturday, June 3	9:00 a.m.-1:00 p.m.

(The Rare Book Room and the Main Loan Desk will remain open until 5:00 p.m. this date.)

Sunday, June 4	Closed
Monday, June 5-Tuesday, June 13:	
Monday-Friday	9:00 a.m.-5:00 p.m.
Saturday	9:00 a.m.-1:00 p.m.
Sunday	Closed

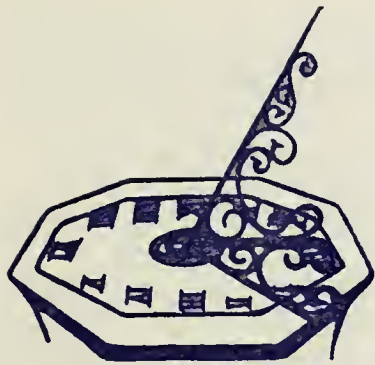
SUMMER SESSION SCHEDULE: GENERAL LIBRARY

(Wednesday, June 14 through Wednesday, August 23)	
Monday-Friday	8:00 a.m.-10:00 p.m.
Saturday	8:00 a.m.-6:00 p.m.
Sunday	2:00 p.m.-6:00 p.m.

SUMMER SESSION SCHEDULE: WOMAN'S COLLEGE LIBRARY

Wednesday, May 31	8:00 a.m.-6:00 p.m.
Thursday, June 1-Wednesday, September 20:	
Monday-Friday	8:30 a.m.-4:30 p.m.
Saturday	8:30 a.m.-1:00 p.m.
Sunday	Closed

Schedules for school, college and departmental libraries will be posted in those libraries.



THE SUNDIAL OF DUKE UNIVERSITY

JUNE 11-17, 1961

Events of the Week

TUESDAY, JUNE 13

8:30 a.m.-1:00 p.m. Registration for Term I of Summer Session. Indoor Stadium.

WEDNESDAY, JUNE 14

2:00-3:30 p.m. Swimming pool on West Campus open to women.

4:15-5:30 p.m. Swimming pool on West Campus open to men.

7:00 p.m. Florida State Club Meeting. Room 104 Card Gymnasium.

7:00 and 9:05 p.m. Quadrangle Pictures. Page Auditorium. "I'm All Right Jack" with Peter Sellers, Terry Thomas, Margaret Rutherford, and Ian Carmichael. Winner of two British Academy Awards. "A biting, uproarious comedy to tickle, charm, and delight! One of year's ten best."—Saturday Review. "By all odds, the funniest picture this year!"—Herald Tribune.

8:00 p.m. North Carolina State Club Meeting. Room 105 Card Gymnasium.

THURSDAY, JUNE 15

2:00-3:30 p.m. Swimming pool on West Campus open to women.

4:15-5:30 p.m. Swimming pool on West Campus open to men.

4:30 p.m. Softball Meeting. Room 105 Card Gymnasium.

8:15-9:30 p.m. Swimming pool on West Campus open for faculty members and their families. Children will be admitted only when accompanied by their own parents.

FRIDAY, JUNE 16

2:00-3:30 p.m. Swimming pool on West Campus open to women.

4:15-5:30 p.m. Swimming pool on West Campus open to men.

8:00-11:30 p.m. Friday Night Frolic. Card Gymnasium.

SATURDAY, JUNE 17

2:00-3:30 p.m. Swimming pool on West Campus open to women.

2:00-5:00 p.m. Auditions for Summer Session Chapel Choir. Chapel basement.

4:15-5:30 p.m. Swimming pool on West Campus open to men.

6:30 p.m. Choir Rehearsal. University Chapel.

SWIMMING POOL SCHEDULE

The swimming pool will be open each day according to the following schedule:

Women	2:00 p.m.-3:30 p.m.
Men	4:15 p.m.-5:30 p.m.

On Monday and Thursday from 8:15 p.m. to 9:30 p.m., the swimming pool will be open to faculty members and their families. Children will be admitted only when accompanied by their own parents.

QUADRANGLE PICTURES

Quadrangle Pictures will show films each Wednesday at 7:00 p.m. and 9:00 p.m. in Page Auditorium during the Summer Session. Pre-release news and selected short subjects will accompany each feature. Admission: Adults \$.40, Children \$.10.

SOFTBALL MEETING

A meeting of all managers and captains of softball teams will be held at 4:30 p.m., Thursday, June 15th, in Room 105, Card Gym. If possible, try to have the team organized before coming to this meeting.

IMPORTANT—Notices for The Sundial should be submitted in written form to 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

STATE CLUB MEETINGS

The following is a list of places and proper times for the organizational meetings of the state clubs. A member of the Summer Session Staff has been assigned to each club as chairman for the first meeting only.

Date	State	Place	Time
June 14	Florida	Room 104	7:00 p.m.
Wednesday		Card Gym	
June 14	North Carolina	Room 105	8:00 p.m.
Wednesday		Card Gym	
June 19	x(1) Rebel Club	Room 105	7:00 p.m.
Monday		Card Gym	
June 19	xx(2) Yankee Club	Room 104	8:00 p.m.
Monday		Card Gym	
June 20	Pennsylvania	Room 104	7:00 p.m.
Tuesday		Card Gym	

x(1) Includes Mississippi, Alabama, Louisiana, Arkansas, Missouri, Kentucky, Tennessee, South Carolina, Georgia, and Virginia.

xx(2) Includes all of New England, New Jersey, New York, Maryland, Delaware, and West Virginia.

SOCIAL ACTIVITIES FOR THE SUMMER

Each Friday night the gymnasium will be open beginning at 8:00 p.m. for varied social activities such as swimming, cards, table tennis, badminton, and dancing. Presentation of an official identification card is required of each person who is admitted. If a regularly enrolled student wishes a guest card, he should make application in advance to the Social Director in the Office of House O. The first Friday evening open house will be June 16th.

SUMMER SESSION CHAPEL CHOIR

The Chapel Choir of the Summer Session will rehearse and sing a highly varied and distinguished repertoire chosen from representative literature from the 16th Century to the present time. A number of the Choir members from the regular academic year will sing during the summer; in addition, Summer Session students and townspeople with choral experience will be welcomed into the Choir. Informal and non-arduous auditions will be held in the Chapel basement on Saturday, June 17th from 2:00 p.m. to 5:00 p.m. Regular Choir rehearsals will be held on Saturday at 6:30 p.m. and Sunday at 9:30 a.m. beginning Saturday, June 17th and Sunday, June 18th. The Summer Choir will be directed by Mr. William E. Waters and Mr. Paul Young.

1961 SUMMER SESSION PREACHING SCHEDULE

June 18th

The Reverend Professor James T. Cleland, Dean of the Chapel.

June 25th

The Reverend Howard C. Wilkinson, Chaplain to the University.

July 2nd

Dean James T. Cleland.

July 9th

The Reverend Professor Herbert Henry Farmer, Cambridge University.

July 16th

The Reverend Professor McMurtry S. Richey, The Divinity School.

July 23rd

The Reverend Dr. Mark Depp, Minister, Centenary Methodist Church, Winston-Salem.

July 30th

The Reverend Dr. W. Arthur Kale, The Divinity School.

August 6th

The Reverend Dr. Brian S. O'Gorman, Wolverhampton, England.

August 13th

The Reverend Professor John W. Carlton, The Divinity School.

August 20th

The Reverend Henry G. Ruark, Minister, First Methodist Church, Laurinburg.

INTERDENOMINATIONAL SUNDAY SCHOOL CLASS

No denominational Sunday School Classes will be held on the campus during the summer. An interdenominational Sunday School Class will be conducted each week during the Summer Session, beginning on Sunday, June 18th, and ending on Sunday, August 20th. It will commence at 9:30 a.m., and it is to be held in Room 125, Allen Building. This room is air conditioned. All students and other University personnel are cordially invited to attend each session.

HOURS OF THE OFFICE OF THE SUMMER SESSION

The office of the Summer Session will be open from 8:30 a.m. to 5:30 p.m. Monday through Friday, and from 9:00 a.m. to 1:00 p.m. on Saturdays throughout the summer.

SUMMER SESSION IDENTIFICATION AND ADMISSION CARDS

Student identification cards may be secured at the Summer Session Office on or after June 16th. These cards will serve as health and recreation cards for the Summer Session.

Summer Session identification and admission cards will be issued to members of the faculty and staff at the Summer Session Office, 119 Allen Building, after June 14th.

COURSE CHANGES

Course changes for the Summer Session courses (Term I) will be made in Central Records Office, 103 Allen Building, on June 14th through June 16th.

ABSENCES

An undergraduate student who incurs more than three absences in a course (whether excused or unexcused) is ordinarily debarred from the course. Should he be permitted to remain in the course, full credit will not be allowed. The amount of reduced credit will be determined by the Director of the Summer Session. Days missed through late registration are counted as absences, and three tardies in a given course are counted as one absence.

An undergraduate degree candidate in Duke University who incurs more than three absences in a course must confer immediately with the Dean of his or her college, who in turn will recommend to the Director of the Summer Session whether the student may continue in the course. An unclassified student who incurs more than three absences in a course must

confer immediately with the Director of the Summer Session, who will determine whether the student may continue in the course.

LET'S GO SWIMMING

Special mixed swimming parties may be scheduled by State Clubs or other student groups Tuesday, Wednesday, Friday, and Saturday nights.

PLAY HOURS

Sports: Badminton, shuffle board, horseshoe pitching, croquet, and archery are included in the daily recreational program. Equipment for these activities is available at the Card Gymnasium during the hours of 2:30 p.m. to 5:30 p.m. on Monday through Friday of each week.

In addition to the above program, Intramural tournaments will be held for both men and women in handball, tennis, softball, and badminton.

TOURNAMENTS

Attention: Tennis, handball, and badminton players! Entries in tennis, handball and badminton (singles and doubles) are due by Friday, June 23rd at 5:00 p.m. Entries may be made in Room 101, Card Gym, from 2:00 to 5:00 p.m. on weekdays.

STUDENT UNION RECREATIONAL FACILITIES

The Student Union Game Room and Music Lounge will be open for use during the Summer Session. The Game Room, located in 02 Flowers Building, will be open from 1:00 p.m. to 11:00 p.m., Monday through Saturday for Billiards and Table Tennis. The Music Lounge is located off the main lounge. Playing cards, chess sets, and checkers may be secured at the Information Center for use in the building.

THE GOTHIC BOOKSHOP

Located at the entrance to Page Auditorium, the Gothic Bookshop, conducted by Jeremy North, ABA (London) and ABAA, is open every weekday from 9:00 a.m. to 5:00 p.m. and on Saturday from 9:00 a.m. until 12:00 noon.

Summer students and visitors will enjoy browsing in this unusual Bookshop. Here you will find the best paper-backs, the new books from American and British publishers, old books in fine bindings, prints, drawings, and maps.

LOST AND FOUND

The Information Center, located in the Flowers Building Lounge, has a Lost and Found Service. It is requested that all lost articles found on Campus be referred there in order that they may be claimed by their owners.

MEAL HOURS—SUMMER SCHOOL 1961

Men's Dining Halls

	"A" Cafeteria	"D" Cafeteria	Oak Room
Breakfast	7:00-8:00	7:00-9:00	
Snack Bar		9:00-11:00	
Lunch	11:30-1:30	11:30-2:00	11:30-2:00
Dinner		5:00-6:30	5:00-6:30

The Oak Room will be closed on Saturdays

Sunday Hours:	"D" Cafeteria	Oak Room
Breakfast	8:30-11:00	
Lunch	11:30-2:00	11:30-2:00
Dinner	5:00-6:30	5:00-6:30

DUKE UNIVERSITY LIBRARY SUMMER HOURS 1961

General Library

(Wednesday, June 14 through Wednesday, August 23)

Monday-Friday	8:00 a.m.-10:00 p.m.
Saturday	8:00 a.m.-6:00 p.m.
Sunday	2:00 p.m.-6:00 p.m.

Woman's College Library

(Thursday, June 1 through Wednesday, September 20)

Monday-Friday	8:30 a.m.-4:30 p.m.
Saturday	8:30 a.m.-1:00 p.m.
Sunday	Closed

Schedules for school, college and departmental libraries will be posted in those libraries.

FRENCH EXAMINATIONS FOR CANDIDATES FOR GRADUATE DEGREES

French examinations for candidates for graduate degrees will be given July 5th at 4:00 p.m., 233 Allen Building. Candidates for graduate degrees register in the Graduate School Office not later than June 28th.

GERMAN EXAMINATIONS FOR CANDIDATES FOR GRADUATE DEGREES

German examinations for candidates for graduate degrees will be given July 3rd-7th. Candidates for graduate degrees register in the Graduate School Office for these examinations not later than June 22nd.

LIBRARY EXHIBIT

An exhibit commemorating the 100th anniversary of the First Battle of Manassas (Bull Run), July 21, 1861, is currently being displayed in the General Library. Fifty-three contemporary letters, selected from the thousands of Civil War Manuscripts in the library's collections, show in part the hopes, fears, and reactions of the civilian soldier as he participates in his first major battle. Letters from the papers of such well-known historical figures as J. E. B. Stuart and Joseph E. Johnston are also displayed. Descriptive leaflets on the exhibit are available in the Southeast lobby of the library.

U.S.S. NORTH CAROLINA FUND DRIVE

Duke University is pleased to join with Durham and Durham County in efforts to bring the U.S.S. North Carolina to Wilmington, North Carolina. This modern battleship had a magnificent record during World War II and the ship will be transferred by the Navy to the people of North Carolina if we in turn guarantee that the ship will be preserved as a memorial.

Funds are required and information will be posted on bulletin boards as to where the tax deductible contribution can be made.

Vice Admiral Ralph Earle, Jr., U. S. Navy (Retired) 310 Allen Building, telephone extension 3112, is the Battleship Drive Representative on the Duke Campus.

VOLUNTEERS NEEDED FOR EDGEMONT COMMUNITY CENTER

Any person interested in devoting a few hours a week of volunteer work at the Edgemont Community Center for underprivileged children should contact the Director at 393-9291. The Center needs volunteers this summer and any help will be appreciated.

DUKE UNIVERSITY SUMMER SESSION 1961

Schedule of Courses

TERM I

WEST CAMPUS CLASSROOM BUILDINGS:

2 Gray	10 Social Science
3 Divinity School	15 Flowera
4 Library	47 Engineering
6 Chemiatry	49 Physics
8 Hospital	53 Allen
9 Biology	

EAST CAMPUS CLASSROOM BUILDINGS:

A West Duke
B Carr
C Science

CLASS PERIODS ARE AS FOLLOWS:

Period 1: 7:40- 9:00
Period 2: 9:20-10:40
Period 3: 11:00-12:20
Period 4: 1:40- 3:00

Course	Room	Period	Instructor
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BOTANY

Duke Campus

208 (6/14-6/29)	9.102	9:20 & 2:00	Isanogle
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225 arranged

359 arranged

Marine Laboratory, Beaufort, N. C.

207	arranged		Johnson
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225	arranged		Johnson
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359	arranged		Johnson
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CHEMISTRY (6/21-7/18)

1 Recitation	6.112	8:00	Hill
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Lab	6.108	9:00	
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Lecture	6.116	12:00	
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61 Lecture	6.122	8:30	Saylor
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Lab	6.208	10:30	
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151 Recitation	6.01	8:00	Vingiello
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Lab	6.301	9:00	
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275 Lecture	6.01	12:00	
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arranged

COMPARATIVE LITERATURE

205	53.328	2	Salinger
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ECONOMICS

51	53.326	2	Leighton
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57 (6/14-6/29)	10.212	1-3	Shields
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58 (6/30-7/18)	10.212	1-3	Shields
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105	10.210	1	Joerg
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143	53.316	2	Joerg
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153	10.107	1	Koefod
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171 (6/14-6/29)	10.214	1-3	Black
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172 (6/30-7/18)	10.214	1-3	Black
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318X	arranged		Cartter
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EDUCATION

118	15.110	1	Palacioa
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201 (6/14-6/29)	53.125	7:40 & 1:00	Moser
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208 (6/14-6/29)	9.102	9:20 & 2:00	Isanogle
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211	53.225	3	Gehman
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217	A.103	3	Gehman
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226	A.106	3	Rudisill
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227	53.125	2	Tuthill
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237	53.225	2	Dunning
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238	A.106	2	Rudisill
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239	53.316	1	Dunning
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240	53.316	3	Colver
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241	15.108	1	Colver
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243	A.103	2	Gehman
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253	53.234	1	Bolmeier
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315.1	A.108	1	Hurlhurt
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315.2	A.108	3	Hurlhurt
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ENGINEERING

CE 110	47.117	8:00 & 1:00	Harrawood
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(6/14-7/8)

ENGLISH

55	2.02	1	Combs
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57	53.327	2	Anderson
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221	53.327	1	Sanders
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237	53.326	1	Ward
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244	53.312	2	Sanders
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251	53.326	3	Ward
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264	53.318	2	Gohdes
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328	53.318	3	Gobdes
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FORESTRY

CE 110	47.117	8:00 & 1:00	Harrawood
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(6/14-7/8)

150 (7/10-8/5)	10.301		Chaiken
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151 (8/7-9/2)	9.101		Schumacher
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357 arranged

Course	Room	Period	Instructor
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GEOLOGY (6/21-7/18)			
51 Lecture	C.09	8:00	Heron
Lab	C.09	2:00 (M-Tb)	

GERMAN

63	2.302	2	Broderson
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64	53.312	3	Seymour
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Grad. Read. Course	15.108	2	Seymour
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GREEK

121	53.314	1	Trnesdale
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122	53.314	2	Truesdale
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HEALTH & PHYSICAL EDUCATION

PE 182	Gym	3	Harrison
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PE 190	Gym	1	Chambers
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HISTORY

51	53.226	1	Yonng
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91	53.229	1	Durden
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122	53.233	2	Esthua
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216	53.233	3	Estbus
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219	53.225	1	Gillin
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220	53.225	4	Gillin
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262	53.234	2	Curtiss
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295	53.234	3	Young
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301	53.234	4	Colton
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LATIN AND ROMAN STUDIES

111	53.226	2	Womble
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112	53.314	3	Womble
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MATHEMATICS

21	49.135	1	Horsfield
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22	49.135	2	Horsfield
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224	49.138	2	Gergen
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225	49.138	1	Lowengrub
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PHILOSOPHY

48	2.105	2	Welab
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91	53.328	3	Welsb
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PHYSICS (6/21-7/18)

41 Lect. & Recit.	49.113	8:30 & 10:10	Hopkins &
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Lab (M-Th)		1:00	Carpenter
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353X arranged

POLITICAL SCIENCE

61	2.01	3	Simpson
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125	53.229	2	Simpson
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219	53.225	1	Gillin
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220	53.225	4	Gillin
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PSYCHOLOGY

91.1	2.101	1	King
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91.2	2.02	2	King
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91.3	2.101	2	Huse
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211	53.225	3	Gehman
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232	53.318	1	Daston
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303 arranged

RELIGION

51.1	2.01	1	Wintermute
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51.2	53.226	3	Wintermute
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52	2.01	2	Price
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55	53.307	2	Bradley
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121	53.229	3	Price
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DIVINITY SCHOOL

28	53.312	1	Henry
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167	2.02	3	Richey
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194	2.205	1	Lacy
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240	15.110	2	Grislis
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ROMANCE LANGUAGES: FRENCH

1	53.233	1	Ripley
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63	2.105	3	Tetel
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91	2.105	1	Tetel
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92	53.327	3	Grant
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ROMANCE LANGUAGES: SPANISH

1	2.102	3	Daniel
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63	53.307	1	Daniel
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91	53.328	1	Torre
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92	15.108	3	Torre
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SOCIOLOGY

91	53.307	3	Roy
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155	10.107	2	Roy
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247	53.125	3	Thompson
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255	10.216	2	Thompson
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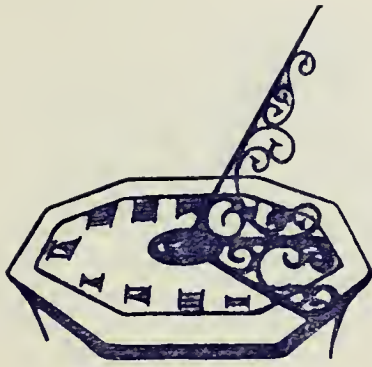
ZOOLOGY

Duke Campns

353 arranged

Duke Marine Laboratory, Beaufort, N. C.

203	arranged		Gray
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THE SUNDIAL OF DUKE UNIVERSITY

JUNE 18-24, 1961

Events of the Week

SUNDAY, JUNE 18

- 9:30 a.m. Choir Rehearsal. University Chapel.
11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel.

MONDAY, JUNE 19

- 2:00-3:30 p.m. Swimming pool on West Campus open to women.
4:15-5:30 p.m. Swimming pool on West Campus open to men.
7:00 p.m. Rebel Club Meeting. Room 105 Card Gymnasium.
8:00 p.m. Yankee Club Meeting. Room 104 Card Gymnasium.
8:00 p.m. N.A.A.C.P. Meeting. Room 204 Flowers Building. Speaker: Dr. Douglas B. Maggs.
8:15 p.m. Swimming pool on West Campus open for faculty members and their families. Children will be admitted only when accompanied by their own parents.

TUESDAY, JUNE 20

- 2:00-3:30 p.m. Swimming pool on West Campus open to women.
4:15-5:30 p.m. Swimming pool on West Campus open to men.
7:00 p.m. Pennsylvania Club Meeting. Room 104 Card Gymnasium.
8:00 p.m. Open House. Kilgo Terrace.

WEDNESDAY, JUNE 21

- 2:00-3:30 p.m. Swimming pool on West Campus open to women.

- 4:15-5:30 p.m. Swimming pool on West Campus open to men.

- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Magician" with Bibi Andersson and Max von Sydow. Sweden's Ingmar Bergman directs this award winning film. "... full of extraordinary thrills that flow and collide on several levels of emotion and intellect."—Crowther, N. Y. Times.

THURSDAY, JUNE 22

- 2:00-3:30 p.m. Swimming pool on West Campus open to women.
4:15-5:30 p.m. Swimming pool on West Campus open to men.
8:15-9:30 p.m. Swimming pool on West Campus open for faculty members and their families. Children will be admitted only when accompanied by their own parents.

FRIDAY, JUNE 23

- 2:00-3:30 p.m. Swimming pool on West Campus open to women.
4:15-5:30 p.m. Swimming pool on West Campus open to men.
5:00 p.m. Deadline for submitting entrees in tennis, handball, and badminton (singles and doubles). Room 101 Card Gymnasium.
8:30 p.m. Friday Night Frolic. Card Gymnasium.

SATURDAY, JUNE 24

- 2:00-3:30 p.m. Swimming pool on West Campus open to women.
4:15-5:30 p.m. Swimming pool on West Campus open to men.
6:30 p.m. Choir Rehearsal. University Chapel.

IMPORTANT—Notices for The Sundial should be submitted in written form to 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday.
Telephone 2911.

N.A.A.C.P. MEETING

The Duke Chapter of the N.A.A.C.P. will hold a meeting at 8:00 p.m. on Monday, June 19th, in Room 204 Flowers Building for the purpose of describing its summer programs and activities. The speaker will be Dr. Douglas B. Maggs of the Law School. All interested members of the University Community are invited to attend.

OPEN HOUSE

The undergraduate women students are having an open house from 8:00 p.m. to 10:00 p.m. on Tuesday, June 20th on the Kilgo Terrace. All persons are cordially invited to attend.

TOURNAMENTS

Attention: Tennis, handball, and badminton players! Entries in tennis, handball and badminton (singles and doubles) are due by Friday, June 23rd at 5:00 p.m. Entries may be made in Room 101, Card Gym, from 2:00 to 5:00 p.m. on weekdays.

FRIDAY NIGHT FROLIC

Friday, June 23rd, at 8:30 p.m., Card Gymnasium will be open for a variety of activities including swimming, cards, table tennis, badminton, and dancing. All students are invited to participate in any or all of these activities. If a regularly enrolled student wishes a guest card, he should secure one in advance from the Social Director's office in House O.

GERMAN EXAMINATIONS FOR CANDIDATES FOR GRADUATE DEGREES

German examinations for candidates for graduate degrees will be given July 3rd-7th. Candidates for graduate degrees register in the Graduate School Office for these examinations not later than June 22nd.

FRENCH EXAMINATIONS FOR CANDIDATES FOR GRADUATE DEGREES

French examinations for candidates for graduate degrees will be given July 5th at 4:00 p.m., 233 Allen Building. Candidates for graduate degrees register in the Graduate School Office not later than June 28th.

SUMMER SESSION IDENTIFICATION AND ADMISSION CARDS

Student identification cards may be secured at the Summer Session Office. These cards will serve as health and recreation cards for the Summer Session.

Summer Session identification and admission cards will be issued to members of the faculty and staff at the Summer Session Office, 119 Allen Building.

STUDENT UNION GAME ROOM

The Student Union Game Room will be open from 1:00 p.m. to 11:00 p.m., Monday through Saturday during the Summer Session for Billiards and Table Tennis.

PLAY HOURS

Sports: Badminton, shuffle board, horseshoe pitching, croquet, and archery are included in the daily recreational program. Equipment for these activities is available at the Card Gymnasium during the hours of 2:30 p.m. to 5:30 p.m. on Monday through Friday of each week.

In addition to the above program, Intramural tournaments will be held for both men and women in handball, tennis, softball, and badminton.

DUKE UNIVERSITY LIBRARY SUMMER HOURS 1961

General Library

(Wednesday, June 14 through Wednesday, August 23)

Monday-Friday 8:00 a.m.-10:00 p.m.

Saturday 8:00 a.m.- 6:00 p.m.

Sunday 2:00 p.m.- 6:00 p.m.

Woman's College Library

(Thursday, June 1 through Wednesday, September 20)

Monday-Friday 8:30 a.m.-4:30 p.m.

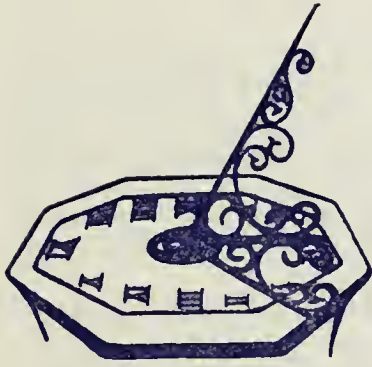
Saturday 8:30 a.m.-1:00 p.m.

Sunday Closed

Schedules for school, college and departmental libraries will be posted in those libraries.

VOLUNTEERS NEEDED FOR EDGEMONT COMMUNITY CENTER

Any person interested in devoting a few hours a week of volunteer work at the Edgemont Community Center for underprivileged children should contact the Director at 393-9291. The Center needs volunteers this summer and any help will be appreciated.



THE SUNDIAL OF DUKE UNIVERSITY

JUNE 25-JULY 1, 1961

Events of the Week

SUNDAY, JUNE 25

- 9:30 a.m. An interdenominational Sunday School class meets for study and discussion in Room 125 Allen Building. You are cordially invited to attend.
- 9:30 a.m. Choir Rehearsal. University Chapel.
- 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Subject: "Right Is Not Wrong."

MONDAY, JUNE 26

- 2:00-3:30 p.m. Swimming pool on West Campus open to women.
- 4:15-5:30 p.m. Swimming pool on West Campus open to men.
- 8:15 p.m. Swimming pool on West Campus open for faculty members and their families. Children will be admitted only when accompanied by their own parents.

TUESDAY, JUNE 27

- 2:00-3:30 p.m. Swimming pool on West Campus open to women.
- 4:15-5:30 p.m. Swimming pool on West Campus open to men.
- 4:30 p.m. Softball game. Boomers vs. Yankees.
- 4:30 p.m. Softball game. Chemistry vs. "The Shots."
- 4:30 p.m. Softball game. Physics vs. Yackety Yaks.
- 5:00 p.m. Deadline for submitting entries in tennis, handball, and badminton (singles and doubles). Room 101 Card Gymnasium.
- 8:00 p.m. Yankee Club Meeting. Card Gymnasium.

WEDNESDAY, JUNE 28

- 2:00-3:30 p.m. Swimming pool on West Campus open to women.

- 4:15-5:30 p.m. Swimming pool on West Campus open to men.

7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Ballad of a Soldier." "The best Russian movie since World War II. Brilliant, vehemently original, beautiful, humorous sentimental journey. Surefire sense of comedy . . . the theatre booms with an immense amen to life."—Time Magazine. "One of the Year's Best!"—N. Y. Times—Herald Tribune—Cue—N. Y. Post—Saturday Review.

THURSDAY, JUNE 29

- 12:30 p.m. Kappa Delta Pi Luncheon. Italian Room, Union Building.
- 2:00-3:30 p.m. Swimming pool on West Campus open to women.
- 4:15-5:30 p.m. Swimming pool on West Campus open to men.
- 4:30 p.m. Softball game. Boomers vs. "The Shots."
- 4:30 p.m. Softball game. Yackety Yaks vs. Yankees.
- 4:30 p.m. Softball game. Chemistry vs. Physics.
- 8:15-9:30 p.m. Swimming pool on West Campus open for faculty members and their families. Children will be admitted only when accompanied by their own parents.

FRIDAY, JUNE 30

- 2:00-3:30 p.m. Swimming pool on West Campus open to women.
- 4:15-5:30 p.m. Swimming pool on West Campus open to men.
- 8:30 p.m. Friday Night Frolic. Card Gymnasium.

SATURDAY, JULY 1

- 2:00-3:30 p.m. Swimming pool on West Campus open to women.
- 4:15-5:30 p.m. Swimming pool on West Campus open to men.
- 6:30 p.m. Choir Rehearsal. University Chapel.

IMPORTANT—Notices for The Sundial should be submitted in written form to 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

TOURNAMENTS

Attention: Tennis, handball, and badminton players! Entries in tennis, handball and badminton (singles and doubles) are due by Tuesday, June 27th, at 5:00 p.m. Entries may be made in Room 101, Card Gymnasium, from 2:00 to 5:00 p.m. on weekdays.

YANKEE CLUB MEETING

The Yankee Club will meet at 8:00 p.m. on Tuesday, June 27th, in Card Gymnasium. A business session to organize the group will precede a swimming party and a watermelon cutting.

CONFERENCE ON SCHOOL LAW

A conference on School Law will be held on the Duke University Campus on Tuesday and Wednesday, June 27th and 28th. The main theme of the conference will be "Legal Aspects of the School Program." The program is planned for the benefit of administrators and teachers in schools and colleges. Speakers and consultants well-known in the field of school law will participate in the two-day conference.

KAPPA DELTA PI LUNCHEONS

Kappa Delta Pi, honorary society in Education, will sponsor a series of luncheons in the Italian Room of the Union Building on the following Thursdays: June 29th, July 6th, July 13th, July 20th, July 27th, and August 3rd, at 12:30 p.m. Members, faculty, and their guests will go through the line of Cafeteria A, carry their trays to the Italian Room, and dine there.

FRIDAY NIGHT FROLIC

Friday, June 30th, at 8:30 p.m., Card Gymnasium will be open for a variety of activities including swimming, cards, table tennis, badminton, and dancing. All students are invited to participate in any or all of these activities. If a regularly enrolled student wishes a guest card, he should secure one in advance from the Social Director's office in House O.

FRENCH EXAMINATIONS FOR CANDIDATES FOR GRADUATE DEGREES

French examinations for candidates for graduate degrees will be given July 5th at 4:00 p.m., 233 Allen Building. Candidates for graduate degrees register in the Graduate School Office not later than June 28th.

CLASSES WILL MEET ON JULY 4th

Summer Session classes will meet on Tuesday, July 4th.

NO CLASSES ON SATURDAY, JULY 8th

Summer Session classes will not meet on Saturday, July 8th.

ABSENCES

An undergraduate student who incurs more than three absences in a course (whether excused or unexcused) is ordinarily debarred from the course. Should he be permitted to remain in the course, full credit will not be allowed. The amount of reduced credit will be determined by the Director of the Summer Session. Days missed through late registration are counted as absences, and three tardies in a given course are counted as one absence.

An undergraduate degree candidate in Duke Uni-

versity who incurs more than three absences in a course must confer immediately with the Dean of his or her college, who in turn will recommend to the Director of the Summer Session whether the student may continue in the course. An unclassified student who incurs more than three absences in a course must confer immediately with the Director of the Summer Session, who will determine whether the student may continue in the course.

TERM I FINAL EXAMINATION SCHEDULE

Classes scheduled at:	Examinations are:
7:40- 9:00 daily	Monday, July 17th, 7:40-10:40 a.m.
1:40- 3:00 daily	Monday, July 17th, 1:40- 4:40 p.m.
9:20-10:40 daily	Monday, July 17th, 7:00-10:00 p.m.
11:00-12:20 daily	Tuesday, July 18th, 7:40-10:40 a.m.

The examinations in four-semester hour science courses will be held in accordance with a schedule arranged by the department concerned.

Examinations for all short term courses will be on the last scheduled class day. The instructor will make the time arrangements.

All other examinations must be held and taken according to the above schedule.

Any student who desires a report of grades from the instructor should leave a self-addressed postal card or stamped envelope with the instructor. Grades will not be given out orally at the Summer Session Office.

TERM II REGISTRATION

Students who have pre-enrolled for Term II are urged to complete the entire process of registration between the hours of 9:30 a.m. to 12:00 noon and 2:00 p.m. to 4:00 p.m. in the Summer Session Office, 119 Allen Building, between July 6th and July 15th.

Those students who have not pre-enrolled for Term II are urged to do so with their respective schools or colleges, and then complete the registration as announced above.

The Graduate School will accept registrants during the same hours and on the same dates as indicated above for the Summer Session Office.

Students who complete their registration will not be required to appear on Registration Day, July 19th.

PLAY HOURS

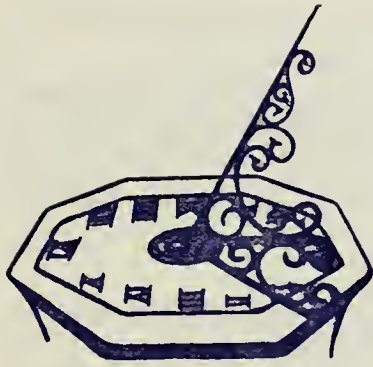
Sports: Badminton, shuffle board, horseshoe pitching, croquet, and archery are included in the daily recreational program. Equipment for these activities is available at the Card Gymnasium during the hours of 2:30 p.m. to 5:30 p.m. on Monday through Friday of each week.

In addition to the above program, Intramural tournaments will be held for both men and women in handball, tennis, softball, and badminton.

All games for the softball tournament will be played on Tuesday and Thursday starting at 4:30 p.m. All rain-out games will be played on the following Monday and Wednesday.

STUDENT UNION GAME ROOM

The Student Union Game Room will be open from 1:00 p.m. to 11:00 p.m., Monday through Saturday during the Summer Session for Billiards and Table Tennis.



THE SUNDIAL OF DUKE UNIVERSITY

JULY 9-15, 1961

Events of the Week

SUNDAY, JULY 9

- 9:30 a.m. An interdenominational Sunday School class meets for study and discussion in Room 125 Allen Building. You are cordially invited to attend.
- 9:30 a.m. Choir Rehearsal. University Chapel.
- 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Dr. Herbert Henry Farmer, Cambridge University, England. Subject: "Shapen in Iniquity."
- 4:30 p.m. International Family Picnic. Home of Dr. and Mrs. W. Kenneth Cuyler, Garrett Road.

MONDAY, JULY 10

- 2:00-3:30 p.m. Swimming pool on West Campus open to women.
- 4:15-5:30 p.m. Swimming pool on West Campus open to men.
- 8:15 p.m. Swimming pool on West Campus open for faculty members and their families. Children will be admitted only when accompanied by their own parents.

TUESDAY, JULY 11

- 2:00 p.m. Major Examination for M.Ed. Degree. Room 125 Allen Building.
- 2:00-3:30 p.m. Swimming pool on West Campus open to women.
- 4:15-5:30 p.m. Swimming pool on West Campus open to men.
- 4:30 p.m. Softball game. Champions vs. All-Stars.

WEDNESDAY, JULY 12

- 2:00-3:30 p.m. Swimming pool on West Campus open to women.
- 4:15-5:30 p.m. Swimming pool on West Campus open to men.
- 7:00 and 9:05 p.m. Quadrangle Pictures. Page Auditorium. "Aren't We Wonderful" with

Robert Graf and Hansjorg Felmy. This award winning German film, a sharp social commentary, satirically dramatizes the rise and fall of Nazism. It won the following International awards: Gold Medal, Moscow Film Festival; Best Film and Best Actor, Berlin Film Festival. "Imaginative, well-acted, brilliant!"—Time Magazine.

THURSDAY, JULY 13

- 12:30 p.m. Kappa Delta Pi Luncheon. Italian Room, Union Building.
- 2:00-3:30 p.m. Swimming pool on West Campus open to women.
- 4:15-5:30 p.m. Swimming pool on West Campus open to men.
- 8:15 p.m. Triangle Little Symphony Orchestra Concert. Page Auditorium.
- 8:15-9:30 p.m. Swimming pool on West Campus open for faculty members and their families. Children will be admitted only when accompanied by their own parents.

FRIDAY, JULY 14

- 2:00-3:30 p.m. Swimming pool on West Campus open to women.
- 4:15-5:30 p.m. Swimming pool on West Campus open to men.
- 5:00 p.m. Kappa Delta Pi Initiation. Room 125 Allen Building.
- 5:30 p.m. Kappa Delta Pi Annual Picnic. East Campus, rear of Southgate Dormitory.
- 8:30 p.m. Friday Night Frolic. Card Gymnasium.

SATURDAY, JULY 15

- 2:00-3:30 p.m. Swimming pool on West Campus open to women.
- 4:15-5:30 p.m. Swimming pool on West Campus open to men.
- 6:30 p.m. Choir Rehearsal. University Chapel.

IMPORTANT—Notices for The Sundial should be submitted in written form to 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday.
Telephone 2911.

INTERNATIONAL FAMILY PICNIC

The Durham YWCA, 515 West Chapel Hill Street, extends a cordial invitation to the international students and their families to attend the annual family picnic, to be held Sunday, July 9th, at 4:30 p.m. at the home of Dr. and Mrs. W. Kenneth Cuyler on Garrett Road. Directions: Turn right off Durham-Chapel Hill Boulevard (driving West) by the Capri Motel. The house is the last one on the left before intersection with Pickett Road. There will be plenty of food for all! Call the YWCA, 681-2041, if you need transportation.

MAJOR EXAMINATION FOR M.ED. DEGREE

The major examination for candidates for the M.Ed. degree without thesis will be administered on Tuesday, July 11th, at 2:00 p.m. in Room 125 Allen Building.

KAPPA DELTA PI LUNCHEON

Kappa Delta Pi, honorary society in Education, will hold its weekly luncheon in the Italian Room of the Union Building on Thursday, July 13th, at 12:30 p.m. Members, faculty, and their guests will go through the line of Cafeteria A, carry their trays to the Italian Room, and dine there.

TRIANGLE LITTLE SYMPHONY ORCHESTRA CONCERT

The Triangle Little Symphony Orchestra, conducted by Paul Bryan, will present a concert devoted to the music of Wolfgang Amadeus Mozart on Thursday, July 13th, at 8:15 p.m. in Page Auditorium. The featured soloist will be Dorothy Alden who will perform the Violin Concerto No. 3 in G major, K.216. The concert is open to the public without charge.

The program is as follows:

Adagio and Fugue, K.546
Symphony No. 29 in A major, K.201
Allegro Moderato
Andante
Menuetto
Allegro con spirito

INTERMISSION

Violin Concerto No. 3 in G major, K.216
Allegro
Adagio
Rondeau

KAPPA DELTA PI INITIATION AND PICNIC

The annual summer initiation of Kappa Delta Pi, honorary in Education, will be held Friday, July 14th, at 5:00 p.m. in Room 125 Allen Building, followed by a picnic at about 5:30 p.m. on the grounds to the rear of Southgate Dormitory on East Campus. Those planning to attend are requested to sign up in the Summer Session Office as soon as possible. The picnic is open to members and their guests. See bulletin boards for details.

STUDENT UNION GAME ROOM

The Student Union Game Room will be open from 1:00 p.m. to 11:00 p.m., Monday through Saturday during the Summer Session for Billiards and Table Tennis.

FRIDAY NIGHT FROLIC

Friday, July 14th, at 8:30 p.m., Card Gymnasium will be open for a variety of activities including swimming, cards, table tennis, badminton, and dancing. All students are invited to participate in any or all of these activities. If a regularly enrolled student wishes a guest card, he should secure one in advance from the Social Director's office in House O.

PEACE CORPS REPRESENTATIVE ON CAMPUS

Miss Betty Behrend, Peace Corps Representative, will be on the Duke Campus on Monday, July 10th, to consult with interested students and faculty members about the Peace Corps. Appointments for interviews with Miss Behrend should be made in the Appointments Office, Room 214 Flowers Building.

TERM II REGISTRATION

Students who have pre-enrolled for Term II are urged to complete the entire process of registration between the hours of 9:30 a.m. to 12:00 noon and 2:00 p.m. to 4:00 p.m. in the Summer Session Office, 119 Allen Building, between July 6th and July 15th.

Those students who have not pre-enrolled for Term II are urged to do so with their respective schools or colleges, and then complete the registration as announced above.

The Graduate School will accept registrants during the same hours and on the same dates as indicated above for the Summer Session Office.

Students who complete their registration will not be required to appear on Registration Day, July 19th.

TERM I FINAL EXAMINATION SCHEDULE

Classes scheduled at:	Examinations are:
7:40- 9:00 daily	Monday, July 17th, 7:40-10:40 a.m.
1:40- 3:00 daily	Monday, July 17th, 1:40- 4:40 p.m.
9:20-10:40 daily	Monday, July 17th, 7:00-10:00 p.m.
11:00-12:20 daily	Tuesday, July 18th, 7:40-10:40 a.m.

The examinations in four-semester hour science courses will be held in accordance with a schedule arranged by the department concerned.

Examinations for all short term courses will be on the last scheduled class day. The instructor will make the time arrangements.

All other examinations must be held and taken according to the above schedule.

Any student who desires a report of grades from the instructor should leave a self-addressed postal card or stamped envelope with the instructor. Grades will not be given out orally at the Summer Session Office.

PLAY HOURS

Sports: Badminton, shuffle board, horseshoe pitching, croquet, and archery are included in the daily recreational program. Equipment for these activities is available at the Card Gymnasium during the hours of 2:30 p.m. to 5:30 p.m. on Monday through Friday of each week.

In addition to the above program, Intramural tournaments will be held for both men and women in handball, tennis, softball, and badminton.

WEEK OF
Sept. 17-23, 1961

CALENDAR

WEEK OF
Sept. 17-23, 1961

OF DUKE UNIVERSITY



Events of the Week

Sunday, September 17

- 9:30 a.m. Interdenominational and Interfaith Assembly. Page Auditorium. Speaker: Dean Barney L. Jones, Assistant Dean of Trinity College.
- 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Sermon Topic: "Is Thy Heart Right?" Broadcast over Radio Station WDNC and WDNC-FM.
- 3:30-5:30 p.m. The President's Reception honoring New Students. 2324 Duke University Road.
- 7:15 p.m. YWCA and YMCA Vesper Service. Woman's College Auditorium. Speaker: Miss Barbara Benedict, Associate Director of Religious Life, East Campus.

Monday, September 18

Registration and matriculation of all students of Trinity College, the Woman's College, and the College of Engineering who have not pre-registered

- 4:15 p.m. Exchange picnic for all Transfer Students sponsored by YMCA and YWCA. Meet 110 Faculty Apartments.

Tuesday, September 19

- 7:00 p.m. Freshman Assembly: Activities Night. Page Auditorium.

Wednesday, September 20

Final registration of all pre-registered students.

- 12:30 p.m. Formal Opening of the Woman's College and Flag Raising Ceremony. Woman's College Auditorium and East Duke Court.
- 5:00 p.m. Exchange Picnic. Main Quadrangle, East Campus.
- 7:00 p.m. Quadrangle Pictures. Page Auditorium. "School for Scoundrels" with Terry-Thomas, Alastair Sim, and Ian Carmichael. A hilarious British one-upmanship treat based on the books by Stephen Potter. "A truly funny picture"—*New Yorker*. "One of the funniest"—*Saturday Review*.

NOTE: There will be only one showing of the film, which is a complimentary performance for the Freshman Class.

- 7:00-8:30 p.m. Chapel Choir Rehearsal. University Chapel.
- 9:00-10:00 p.m. Student Union Open House for all Freshmen. Page Parking Area.

Thursday, September 21

- 8:10 a.m. Fall classes begin.
- 10:10 a.m. Flag-raising Ceremony Marking the Official Opening of the Academic Year. Flagpole in front of Allen Building. Remarks: President Deryl Hart.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 1:00 p.m. The final examination of Miss Hilda Dickoff for the Ph.D. degree in Psychology. Room 206 Psychology Laboratory.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:00 p.m. School of Nursing Cap Presentation. University Chapel.

Friday, September 22

- 2:30 p.m. The final examination of Miss Nancy Yarrington for the Ph.D. degree in Chemistry. Room 220 Chemistry Building.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 6:30 p.m. Church Night for New Students. Local Churches and Denominational Centers. (See special announcement.)

Saturday, September 23

- 2:00 p.m. Varsity Football: Duke versus University of South Carolina. Columbia, S. C.
- 2:00-5:00 p.m. Woman's Sorority Rush Greek Day. East Campus.
- 7:00 p.m. Duke Players and Hoof 'n' Horn Joint Performance. Woman's College Auditorium.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "School for Scoundrels" with Terry-Thomas, Alastair Sim, and Ian Carmichael. A hilarious British one-upmanship treat based on the books by Stephen Potter. "A truly funny picture"—*New Yorker*. "One of the funniest"—*Saturday Review*.
- 9:30 p.m.-12:00 midnight. YWCA-YMCA Freshman Dance. Woman's College Gymnasium.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Howard C. Wilkinson, Chaplain to the University, will deliver the sermon at the University Service of Worship on Sunday, September 17th, at 11:00 a.m. in the University Chapel. His subject will be "Is Thy Heart Right?" The order of service follows:

The Reverend Professor James T. Cleland, Dean of the Chapel, Presiding Minister.

Preludes—Prelude in F minor *Bach*
 Chorale Prelude *Krebs*

Call to Worship—"The Lord Is in His Holy Temple" *Harrington*

Hymn—"Come, Thou Almighty King" *Giardini*

Prayer of Confession

Words of Forgiveness

The Lord's Prayer

Anthem—"Mighty Spirit, All Transcending" *Mozart*

Old Testament Scripture—Proverbs 4:18-23

Hymn—"O For a Heart to Praise My God" *Gardiner*

A Litany for Freshman Sunday

The Offering

Offertory Organ Interlude

Anthem—"How Excellent Thy Name, O Lord" *Handel*

Response—The Doxology

Prayer of Dedication

New Testament Scripture—Matthew 15:1-2; 10-19

Sermon—"Is Thy Heart Right?"

Benediction

Choral Response—"Sevenfold Amen" *Stainer*

The Chimes

Postlude—"Toccata" from the Fifth Symphony *Widor*

VESPERS

Joint vesper services sponsored by the YWCA and the YMCA will be conducted in Woman's College Auditorium on Sunday evening, September 17th at 7:15 p.m. The speaker will be Miss Barbara Benedict, Associate Director of Religious Life, East Campus.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Miss Hilda Dickoff for the Ph.D. degree in Psychology will be held on Thursday, September 21st, at 1:00 p.m. in Room 206 Psychology Laboratory. The subject of Miss Dickoff's dissertation is "Reactions to Evaluations by Another Person as a Function of Self Evaluation and the Interaction Context." The committee to conduct the examination consists of Professors E. E. Jones, G. A. Kimble, L. D. Cohen, J. W. Brehm, and A. C. Kerchhoff. Professor Jones will preside.

SCHOOL OF NURSING CAP PRESENTATION

The Sophomore Nursing students will be presented with the Duke University School of Nursing Cap at services in the University Chapel on Thursday, September 21st at 8:00 p.m. Members of the University Community are invited to attend.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Miss Nancy Yarrington for the Ph.D. degree in Chemistry will be held on Friday, September 22nd, at 2:30 p.m. in Room 220 Chemistry Building. The subject of Miss Yarrington's dissertation is "Two Synthetic Studies of Quinolizinium Derivatives." The committee to conduct the examination consists of Professors C. K. Bradsher, L. D. Quin, C. R. Hauser, H. A. Strobel, and Henry Kamin. Professor Bradsher will preside.

"CHURCH NIGHT" SCHEDULE

Baptist Student Union: Baptist students meet in the lounge of the Union Building, on West Campus, at 6:30 P.M. From there, proceed to a banquet in the Union Ballroom on the second floor, jointly sponsored by the Duke Baptist Student Union and the Baptist churches of Durham.

Presbyterian group (Westminster Fellowship): Presbyterian students meet at 6:30 P.M. at one of the following three places: The front steps of the Duke Chapel, the front of Hanes House, or the bus stop on East Campus. Transportation will be provided from those points to the First Presbyterian Church in Durham, where an interesting program has been arranged.

Methodist Student Fellowship: Methodist students meet at 7:00 P.M. at one of the following places: The front steps of the Duke Chapel, the front of Hanes House, or at the parking lot between East Duke and Aycock buildings on East Campus. Transportation will be provided from those points to the Methodist Student Center, on Oregon St., where an interesting program has been arranged, beginning at 7:30 P.M.

Lutheran Students Association: Lutheran students meet at 6:30 P.M. at one of the following three places: The front steps of the Duke Chapel, the front of Hanes House, or the bus stop on East Campus. Transportation will be provided from those points to St. Paul's Lutheran Church where fellowship and refreshments have been arranged.

Episcopal Student Fellowship: Episcopal students meet at 7:00 P.M. at one of the following three places: West Campus bus stop, the front of Hanes House, or the East Campus bus stop. Transportation will be provided from those points to the Episcopal Student Center on Alexander St., where a program will commence at 7:30. "Beatnick" poetry will be read, with jazz accompaniment, directed by Mr. Cooper Speaks and the Frank Bennett Combo. Transportation back to campus will be furnished.

Unitarian Fellowship: Unitarian and Universalist students will meet at 7:15 P.M. at the East Duke Building or on the front steps of the Duke Chapel. Transportation will be provided from those points to the home of Dr. and Mrs. Charles A. Baylis, on Sevier St.

United Student Fellowship: (Congregational Christian, Evangelical and Reformed, Disciples and others) Church Night at the Congregational Christian Church, corner of West Main and Gregson Streets. Cars will leave from the front of the Chapel, West Campus, and from the East Campus Circle at 6:30. The Church Night program will include a brief service and a welcome to the church community by the minister, Bill Scott.

Newman Club: Catholic students will meet at the Immaculate Conception Church at 810 West Chapel Hill Street for a devotional service, the introduction of the Newman Chaplain and benediction. Afterwards there will be a reception in the school auditorium behind the Church.

Christian Science: Reception at home of Mrs. W. A. Everitt, 810 West Club Boulevard. Transportation

will be provided leaving at 7:15 from East Campus Circle. Please assemble in front of the East Duke Building entrance.

Hillel (Jewish): Sabbath evening service and Oneg Shabbat at 7:30 p.m. in York Chapel on the second floor of the Divinity School.

Society of Friends: Reception for new students at Friends Meeting House, 404 Alexander Avenue, just off Myrtle Drive, beginning at 7:30 p.m.

1961 FALL REGISTRATIONS

On Monday, September 18th, from 8:30 a.m.-12:00 noon and 2:00 p.m. to 4:30 p.m. Registration of all new students. All Freshmen (Woman's College, School of Nursing, Trinity College and College of Engineering) report to the Indoor Stadium on an individual appointment basis to have their course cards written and sectioned. Directors of Undergraduate Studies must be present for this operation.

On Monday, September 18th, from 9:30 a.m. to 12:30 p.m. Conferences on courses of study and course card writing for all Woman's College, and Trinity College, O. S. R., Transfers, and Degree Special Students by appointment. Departments requested to have representatives for this phase of registration will be notified by telephone.

On Monday, September 18th, from 2:00 to 4:30 p.m. Registration of all O. S. R., Transfer, and Degree Special Students at the Indoor Stadium.

On Wednesday, September 20th, from 9:00 a.m. to 12:00 noon and from 2:00 p.m. to 3:30 p.m. in the Indoor Stadium for Trinity College, The Woman's College, School of Nursing, College of Engineering, (only those making course changes), and the Graduate School. The departmental representatives are concerned only with those pre-registered undergraduates who are making changes in their schedules. No registration of late O. S. R.'s, Transfers, or new students will be undertaken on this date. All departments must be represented at the registration in the Indoor Stadium.

DURHAM YWCA SPECIAL CLASSES

For the benefit of newcomers to the Campus, the following announcement is made of the adult and children classes held each fall at the Durham YWCA, 515 West Chapel Hill Street. Registration for adult classes opens Monday, September 25th from 9:00 a.m.-9:00 p.m. at the YWCA. Classes available this fall include: Ballroom Dance; Braided Rugs; Interior Decorating; Decoupage; Conversational German; Music Appreciation; Sketching; Bridge (Beginners and Intermediate); Conversational English; Gaskets, and Glamour; Millinery; Beginner's Sewing; Swedish Embroidery; and Craft Workshop.

Children classes include: Conversational French; Sketching; Children's Music Sampler; and Modern Dance. Further information may be secured by calling 681-2041.

WOODROW WILSON FELLOWSHIPS

The Woodrow Wilson National Fellowship Foundation offers, for the academic year 1962-1963, 1000 fellowships for first year graduate work leading to careers in college teaching. Superior undergraduate Seniors and recent graduates who have not entered graduate school are eligible. They do not apply, but must be nominated. Any member of the faculty may nominate a candidate by sending the name, college address, and proposed field of graduate study of the candidate to the Chairman of Region V, Dean I. B. Cauthen, Jr., College of Arts and Sciences, University of Virginia, Charlottesville, Virginia, not later than October 31, 1961. Further information about the program may be obtained from members of the local Woodrow Wilson Fellowship Committee: Professors Richard L. Watson, Jr., Patrick Vicent, and Merle M. Bevington.

FULBRIGHT LECTURESHIPS

Fulbright Lectureships for 1962-'63 in American Studies are being offered in: Economics, Geography, Government, History, Law, Literature, Philosophy and Political Science.

Application forms may be obtained directly from the Committee by writing to the Conference Board of Associated Research Councils, Committee on International Exchange of Persons, 2101 Constitution Avenue, N. W., Washington 6, D. C.

The closing date for consideration of applications is October 1, 1961 although some applications will be considered at a later date.

GERMAN EXAMINATION FOR CANDIDATES FOR GRADUATE DEGREES

German examinations for candidates for graduate degrees will be given October 17th-21st. Candidates register in the Graduate School Office for these examinations not later than October 5th.

WEEKLY CALENDAR INFORMATION

This is the first issue of the weekly **Calendar** of Duke University for the academic year 1961-1962. Hereafter, the **Calendar** will appear every Saturday morning.

Members of the faculty and staff are requested to have notices for publication in the **Calendar** in Room 202-A Flowers Building, West Campus, not later than 1:00 p.m. on Thursday. This is absolutely necessary in order that the **Calendar** may be handled by the printers and be ready for distribution early Saturday morning.

To circumvent possible errors, it is requested that notices be submitted in typewritten form.

LIBRARY SCHEDULES

Effective September 21st

General Library

Monday-Friday	8:00 a.m.-11:00 p.m.
Saturday	8:00 a.m.- 6:00 p.m.

Note: The Main Loan Desk and Undergraduate Reading Room will be open 8:00 a.m.-10:30 p.m. on Saturdays.

Sunday	2:00 p.m.- 6:00 p.m.
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Note: The Periodical Room, Undergraduate and Graduate Reading Rooms will be open 2:00 p.m.-11:00 p.m. on Sundays.

Woman's College Library

Monday-Friday	8:00 a.m.-10:00 p.m.
Saturday	8:00 a.m.- 5:00 p.m.
Sunday	2:00 p.m.-10:00 p.m.

Schedules for other campus libraries will be posted in those libraries.

DINING HALL SCHEDULES

MEAL HOURS—MEN'S DINING HALLS

WEEKLY MEAL HOURS	SUNDAY HOURS
<i>Cafeterias:</i>	<i>Cafeterias:</i>
Breakfast 7:00- 9:30	Breakfast 8:30-11:00
Lunch 11:00- 2:00	Lunch 11:30- 2:00
Dinner 5:00- 7:00	Dinner 5:00- 7:00
<i>Snack Bar:</i> 9:30-11:00 a.m.	NO SNACK BAR OR GRILL ON SUNDAY
<i>Grill:</i>	<i>Oak Room:</i>
Lunch 11:30- 2:00	Lunch 11:30- 2:00
Dinner 5:00- 7:00	Dinner 5:00- 7:00
<i>Oak Room:</i>	
Lunch 11:30- 2:00	
Dinner 5:00- 7:00	

MEAL HOURS—WOMAN'S COLLEGE DINING HALLS

WEEKLY MEAL HOURS	SUNDAY HOURS
Breakfast 7:15- 8:45	Breakfast 8:30- 9:30
Lunch 11:15- 1:30	Lunch 11:30- 1:30
Dinner 5:00- 6:30	Dinner 5:00- 6:15

MEAL HOURS—GRADUATE CENTER DINING HALLS

WEEKLY MEAL HOURS	SUNDAY HOURS
Breakfast 7:15- 9:30	Breakfast Bar
Lunch 11:15- 1:30	Only 8:30-11:00 a.m.
Dinner 5:00- 6:30	

Coffee Lounge 11:30 a.m.-11:00 p.m.

RESEARCH GRANTS FOR CANCER STUDY

The University is again in receipt of an institutional grant from the American Cancer Society for the current academic year. Grants, not to exceed \$2,500 each, will be made by the local committee to support research either directly bearing upon some facet of the problems of cancer and neoplasia or on related problems in biology, chemistry or physics. The funds may be employed for acquisition of equipment, stipends, consumable supplies or travel. Requests, in six copies, should be addressed to Dr. Philip Handler, Chairman of the University Committee on the Institutional Cancer Research Grant by September 25th.

DUKE UNIVERSITY 1961 FOOTBALL SCHEDULE AND TICKET PRICES

AT HOME

Date	Time	Opponent	PRICES		
			Regular	Plan Family	Children
Oct. 7	7—2:00	Wake Forest.....	\$4.50	\$2.50	\$.50
Oct. 21	2—2:00	Clemson	4.50	2.50	.50
Nov. 18	2—2:00	U. N. C.....	4.50	2.50	.50
Dec. 2	2—2:00	Notre Dame.....	4.50	2.50	.50

SEASON TICKETS—

PREFERRED LOCATION.....	\$18.00
FAMILY PLAN.....	8.00

AWAY

Date	Time	Opponent	Price
Sept. 23	8:00	S. Carolina, Columbia.....	\$4.65
Sept. 30	1:30	Virginia, Richmond.....	4.50
Oct. 14	2:00	Ga. Tech, Atlanta.....	5.50
Oct. 28	1:30	N. C. State, Raleigh.....	4.00
Nov. 4	1:30	Michigan, Ann Arbor.....	5.00
Nov. 11	2:15	Navy, Norfolk.....	5.00

FAMILY PLAN

To make it possible for Family Groups to attend games at a reduced price, the Duke Athletic Association is continuing this year, a Family Plan for tickets. Under this PLAN, a section of end zone seats has been set aside for sale as SEASON tickets to adults at \$8.00 each and to children (high school age and under) at \$2.00 each for the four home games. Thus, a family of four can attend ALL four of Duke's home games at a total cost of \$20.00. Tickets for individual games in this family plan area will be priced at \$2.50 each for adults and 50¢ each for children. All seats will be RESERVED.

THE GOTHIC BOOKSHOP

The Gothic Bookshop, favorite haunt of both students and faculty, is located by the entrance to Page Auditorium and is open weekdays from 9:00 a.m. to 5:00 p.m., on Wednesdays from 9:00 a.m. to 9:00 p.m.; and on Saturdays from 9:00 a.m. until noon.

Here may be found no hard-cover textbooks, but a most interesting and versatile stock of books in all fields—the latest important books as well as standard titles. A wide selection of first-class paperbound books, as well as fine editions and bindings are available. Also in stock are good prints and twice a year there is a special sale of fine reproductions. The Gothic Bookshop Book and Art Auction held twice each year is another of the unique services extended the campus under the able direction of Mr. Jeremy North.

1961-1962 ALL-STAR ARTISTS SERIES

Season tickets priced at \$8.00, \$9.00, and \$10.00 are available in 202-A Flowers Building. A check payable to Duke University Artists Series should accompany orders and should be mailed to Box KM, Duke Station, Durham, North Carolina. Call 681-0111, extension 2911 for further information. The concerts will be held in Page Auditorium at 8:15 p.m. on the indicated dates. The 1961-'62 Series is as follows:

BAYANIHAN PHILIPPINE DANCE COMPANY

Thursday, November 30

The hit of the 1959-'60 dance season, the Bayanihan Philippine Dance Company, returns for a transcontinental tour in 1961. Accompanying themselves with native instruments, the dancers transport the audience to the culture of another world—their victories, festivals, religious rituals, rural life. "Compared with this engaging, graceful, and disciplined group, the dancers in the brightest Broadway musicals seem pale indeed," *Newsweek* wrote. Walter Terry of the New York Herald Tribune exclaims, "One loves them on sight. The costumes are stunning, the music is fascinating but the performers are, to put it succinctly, irresistible."

PHILADELPHIA ORCHESTRA,

EUGENE ORMANDY CONDUCTING Tuesday, January 9

Since its first concert in 1900 the Philadelphia Orchestra has come to be known as one of the world's leading artistic institutions. *Newsweek* has described it as "the world's greatest orchestra," an opinion echoed throughout the world. Eugene Ormandy, who this season celebrates his twenty-fifth anniversary as conductor of the Orchestra, joins the symphony in its seventh visit to Durham.

THE ROBERT SHAW CHORALE AND ORCHESTRA

Thursday, February 1

Robert Shaw, considered by many to be the outstanding choral conductor in the world today, will with his company of 60 perform Bach's "Passion According to St. John." "The most active, direct and dramatic of Bach's classical works," this masterpiece, Mr. Shaw believes, "will make the strongest emotional impact upon an audience of any program presented thus far by the Robert Shaw Chorale and Orchestra."

LEON FLEISHER, PIANIST

Tuesday, February 20

Internationally recognized as one of America's greatest pianists, Leon Fleisher began his outstanding career by winning Europe's most distinguished—and difficult—instrumental competition: The Queen Elisabeth of Belgium Concours. In the succeeding years, the former pupil of the late Artur Schnabel has, according to Harold Rogers of the Christian Science Monitor, displayed "art of titanic dimensions." Following Mr. Fleisher's recent performance of Mozart's Piano Concerto in C, K. 503, with the Cleveland Orchestra, a New York Herald Tribune reviewer wrote: "Hearing him play, one suddenly knew what music was all about."

ELISABETH SCHWARZKOPF, SOPRANO

Friday, March 9

Since her first appearance in this country in 1953 Elisabeth Schwarzkopf's annual visits have become increasingly vital in the life of American music. Her versatility and perceptive interpretation are strikingly evident in her operatic roles—ranging from Rossini to Strauss, Mozart to Stravinsky—and in her lieder recitals. Miss Schwarzkopf, considered to be the leading portrayer of the Marschallin in Strauss's *Der Rosenkavalier* and said by the New York Herald Tribune to be "at once, a luminous beauty, a great singer, and an artist of deep sensitivity," comes to Durham for the first time.

CHAMBER MUSIC CONCERTS 1961-1962

The Chamber Arts Society announces the following concerts for the 1961-1962 season:

Saturday, October 14th	AMADEUS QUARTET (London)
Saturday, November 4th	QUINTETTO CHIGIANO (Siena) strings and piano
Saturday, December 9th	PASQUIER TRIO (France)
Saturday, January 20th	HUNGARIAN QUARTET
Saturday, February 17th	DUO DOKTOR-MENUHIN Paul Doktor, viola Yaltah Menuhin, piano
Saturday, April 14th	NEW YORK STRING SEXTET

These Saturday evening concerts will be held in the Music Room, East Duke Building, beginning at 8:15 p.m.

MEMBERSHIP AND ADMISSION:

Membership Card admitting to the six concerts will cost \$10.00. The membership card is transferable. Membership enrollment is limited to 330 persons. Cards will be issued in order of application. Letters with membership application forms and program information are being sent to all members enrolled in 1960-1961, and will be sent to any interested persons on request.

Guest Card for single admission to any one concert will cost \$2.50. (About 60 Guest Cards will be available for each concert; they may be obtained at the door from 7:30 to 8:00 p.m.)

The Chamber Arts Society is a non-profit organization; membership is open to all persons. For membership enrollment, send check and address to *Chamber Arts Society, c/o Ernest W. Nelson, Box 6065 College Station, Durham, N. C.*

ADVANCE NOTICE ORGAN RECITAL

The first organ recital of the academic year will be presented by Mildred L. Hendrix, University Organist, on Sunday afternoon, October 15th, at 4:00 p.m. in the Chapel.

ADVANCE NOTICE STUDENT UNION PRESENTS "A THURBER CARNIVAL"

Labeled by Brooks Atkinson as the "freshest and funniest show of the year," "A Thurber Carnival" is brought to Page Auditorium at 8:15 p.m. on Wednesday, September 27th, by the Student Union's Major Attractions Committee. Conceived and directed by Burgess Meredith, "A Thurber Carnival" is the simplest of revues, composed of stories and fables Mr. Thurber has written over the years to celebrate the "literate lunacies of our civilization." The cast of consummate comedians are led by Arthur Treacher, Imogene Coca, and King Donovan while off to one side four agreeable musicians play sweet jazz now and then to temper the mood.

Tickets may be obtained at the Page Box Office beginning Thursday, September 21st, and continuing through the performance date during the hours of 2:00-5:00 p.m. Reservations may be made by calling extension 2911 during box office hours. The box office will remain open from 2:00 p.m. until curtain time on the day of performance. The reserve seat tickets will be priced at \$2.50, \$3.00, and \$3.50.

WEEK OF
Sept. 24-30, 1961

CALENDAR

WEEK OF
Sept. 24-30, 1961

OF

DUKE UNIVERSITY



Events of the Week

Sunday, September 24

Denominational Meeting. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "January in September." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, September 25

1:00 p.m. The final examination of Mr. Harold Arthur Wilkinson for the Ph.D. degree in Anatomy. Room M-405 Medical School.

5:00-6:00 p.m. East Campus Pool opens for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

Tuesday, September 26

4:00 p.m. The final examination of Mr. Peter Boyce for the Ph.D. degree in Political Science. Room 302, Library Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:00-6:00 p.m. Gerontology Seminar. Room 208 Flowers Building. Speaker: Dr. Geoffrey H. Bourne.

6:30-7:30 p.m. S. U. Football Movie (U.S.C. Game) Page Auditorium. Commentator: Coach Dong Knotts.

7:30 p.m. Duke Players General Meeting and Open House. Branson Building.

7:30 p.m. U.R.C. International Reception. Men's Graduate Center.

Wednesday, September 27

8:30 a.m. The final examination of Mr. Ralph W. Doermann for the Ph.D. degree in Religion. Conference Room, Main Library.

4:15 p.m. Botany Seminar. Room 123 Science Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

8:00 p.m. Duke Medical Dames Meeting. West Durham Community Center.

8:15 p.m. Student Union Major Attraction: "A Thurber Carnival." Page Auditorium.

Thursday, September 28

3:30 p.m. Engineering Sciences Seminar. Conference Hall, Engineering Building. Speaker: Dr. H. Norman Abramson.

3:00-5:00 p.m. Duke Players Tryouts for "Tiger at the Gates." Page Auditorium.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

4:15-6:00 p.m. Duke Marching Band Practice.
Coombs Field.

5:00-6:00 p.m. East Campus Pool open for women:
faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

6:30 p.m. Slide Rule Lecture. Room 125 Engineer-
ing Building.

7:30-9:45 p.m. Duke Symphony Orchestra Re-
hearsal. Room 208 Asbury Building.

8:15 p.m. West Campus Swimming Pool open to
faculty members and their families. Faculty
Children will be admitted only when accom-
panied by their parents.

Friday, September 29

3:00-5:00 p.m. Duke Players Tryouts for "Tiger at
the Gates." Page Auditorium.

4:15-6:00 p.m. Duke Marching Band Practice.
Coombs Field.

Saturday, September 30

2:00 p.m. Varsity Football: Duke versus the Uni-
versity of Virginia. Richmond, Virginia.

7:00 & 9:00 p.m. Quadrangle Pictures. Page Audi-
torium. "Uncle Vanya" with Franchot Tone
and Dolores Dorn-Heft. Anton Chekhov's im-
mortal impudent comedy was filmed during the
highly successful ten month off-Broadway stage
run. "Superb set of performances . . . It is a
true comedy." N. Y. Times.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor James T. Cleland, Dean
of the Chapel, will deliver the sermon at the Universi-
ty Service of Worship on Sunday, September 24th, at
11:00 a.m. in the University Chapel. His subject will
be "January in September." The order of service
follows:

The Reverend Howard C. Wilkinson, Chaplain to the Uni-
versity, Presiding Minister.

Preludes—Toccata in E minor *Pachelbel*

Chorale Prelude: "Einfeste Burg ist unser Gott" *Hanff*

Andante from Concert I *Handel*

Call to Worship—"Sanctus" from Mass II *Hans Leo Hassler*

Hymn—"O God, Our Help in Ages Past" *William Croft*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"O Heart Subdued With Grieving" *Johannes Brahms*

Scripture—Exodus 12:21-27; Luke 22:14-18

Hymn—"Be Still, My Soul: the Lord is on Thy Side" *Jean Sibelius*

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Interecession,
Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem—"The Last Words of David" *Randall Thompson*

Response—The Doxology

Prayer of Dedication

Sermon—"January in September"

Prayer

Benediction

The Chimes

Postlude—*Allegro* from Concerto in D minor *Vivaldi-Bach*

DENOMINATIONAL MEETINGS

BAPTIST STUDENT UNION: Wednesday, 6:00
P.M., Worship, East Duke Chapel. Friday, 4:30 P.M.,
Seminar series, "Christianity and the Modern Para-
bles," in the Baptist Chaplain's office, 2127 Myrtle
Drive (3rd floor of old Hanes House).

EPISCOPAL STUDENT FELLOWSHIP: Sunday,
9:30 A.M., Holy Communion, Episcopal Student Cen-
ter; 6:30 P.M., Evensong. Speaker: Dean Baruey L.
Jones. Topic: "Faith and Intellect." Wednesday,
7:00 A.M. and 5:00 P.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: Sunday,
9:45 A.M., Sunday School in local Lutheran Churches;
6:30 P.M., L. S. A. meeting in Green Room of East
Duke Building. Speaker: Chaplain George W. Shu-
ford. Topic: "Christianity and Intellectual Prob-
lems." Wednesday, 7:15 and 8:00 A.M., Holy Com-
munion in the Memorial Chapel of Duke Chapel.
Rides leave East Campus at 7:00 A.M.

METHODIST STUDENT FELLOWSHIP: Sunday,
9:30 A.M., Study groups at the Methodist Student
Center, on Oregon Street 6:00 P.M., Evening Wor-
ship; 7:00 P.M., Forum: "The Courage of Faith,"
by Professor Thomas A. Langford. Wednesday, 6:00
P.M., Holy Communion; Friday, 6:00 P.M., Com-
munity of Lay Scholars supper. Those planning to
attend the supper please call the Student Center
(Phone: 286-9230).

**PRESBYTERIAN (WESTMINSTER FELLOW-
SHIP):** Sunday, 9:30 A.M., Sunday School, 208
Flowers Building; 6:15 P.M., Westminster Fellowship
meeting, in the "Ark," East Campus.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Peter Boyce for the
Ph.D. degree in Political Science will be held on
Tuesday, September 26th, at 4:00 p.m. in Room 302
of the Library Building. The subject of Mr. Boyce's
dissertation is "Australia and Malaya: A Prelimi-
nary Study in Commonwealth Regional Relations,
1941-1961." The committee to conduct the examina-
tion consists of Professors Robert R. Wilson, Robert
S. Rankin, John H. Hallowell, Richard Wheeler, and
Calvin B. Hoover. Professor Wilson will preside.

GERONTOLOGY SEMINAR

The Council on Gerontology invites you to attend
an Open Seminar on Tuesday, September 26th, from
5:00 to 6:00 p.m. in Room 208 Flowers Building. Dr.
Geoffrey H. Bourne, Chairman of the Department of
Anatomy, Emory University, will speak on "Ageing
of Cells."

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Harold Arthur Wilkinson for the Ph.D. degree in Anatomy will be held on Monday, September 30th, at 1:00 p.m. in Room M-405 Medical School. The subject of Mr. Wilkinson's dissertation is "Intracranial Self-Stimulation in Cats: A Study of the Neural Basis of Emotion." The committee to conduct the examination consists of Professors Talmadge Peele, John Everett, Irvin Diamond, J. R. Gregg, and J. E. Markee. Professor Peele will preside.

U.R.C. INTERNATIONAL RECEPTION

The annual International Reception will be held Tuesday evening, September 26th, in the Lounge of the Men's Graduate Center, beginning at 7:30 p.m. All students, faculty, and staff members of the University and the Durham community are cordially invited to attend. The function is being held in honor of all international students at the University. The sponsoring agency is the Interfaith and Fellowship Committee of the Duke University Religious Council, Miss Mary Ellen Cyrus, Chairman.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Ralph W. Doermann for the Ph.D. degree in Religion will be held on Wednesday, September 27th, at 8:30 a.m. in the Conference Room, Main Library. The subject of Mr. Doermann's dissertation is "Sheol in the Old Testament." The committee to conduct the examination consists of Professors W. F. Stinespring, James L. Price, John Strugnell, Hugh Anderson, and Robert S. Rogers. Professor Stinespring will preside.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, September 27th, at 4:15 p.m. in Room 123 Science Building, East Campus. Mr. Richard Fonda, Mr. Norman Kowal, Dr. H. J. Oosting, Dr. Jane Philpott, Mr. Robert Reed, Dr. Brenda Slade will report on the 1961 meetings of the AIBS at Purdue University. Tea and coffee will be served at 4:00 p.m.

STUDENT UNION PRESENTS "A THURBER CARNIVAL"

Labeled by Brooks Atkinson as the "freshest and funniest show of the year," "A Thurber Carnival" is brought to Page Auditorium at 8:15 p.m. on Wednesday, September 27th, by the Student Union's Major Attractions Committee. Conceived and directed by Burgess Meredith, "A Thurber Carnival" is the simplest of revues, composed of stories and fables Mr. Thurber has written over the years to celebrate the "literate lunacies of our civilization." The cast of consummate comedians are led by Arthur Treacher, Imogene Coca, and King Donovan while off to one side four agreeable musicians play sweet jazz now and then to temper the mood.

Tickets may be obtained at the Page Box Office

beginning Thursday, September 21st, and continuing through the performance date during the hours of 2:00-5:00 p.m. Reservations may be made by calling extension 2911 during box office hours. The box office will remain open from 2:00 p.m. until curtain time on the day of performance. The reserve seat tickets will be priced at \$2.50, \$3.00, and \$3.50.

ENGINEERING SCIENCES SEMINAR

A seminar, given under the joint auspices of the Department of Civil Engineering and the U. S. Army Research Office (Durham), will be held on Thursday, September 28th, in the Conference Hall of the Engineering Building at 3:30 p.m. Dr. H. Norman Abramson, Director, Department of Applied Mechanics, Southwest Research Institute, San Antonio, Texas, will speak on "Behavior of Liquid Propellants in Large Rockets."

Dr. Abramson received his B.S. and M.S. degrees from Stanford University and his Ph.D. from the University of Texas. Besides being the Director of Applied Mechanics at SWRI, he is also the Associate Editor of the *Applied Mechanics Reviews* and Visiting Professor of Mathematics at Incarnate Word College, San Antonio.

An invitation is extended to all interested members of the university community to attend this meeting.

LIBRARY SCHEDULES

Effective September 21st

General Library

Monday-Friday	8:00 a.m.-11:00 p.m.
Saturday	8:00 a.m.- 6:00 p.m.

Note: The Main Loan Desk and Undergraduate Reading Room will be open 8:00 a.m.-10:30 p.m. on Saturdays.

Sunday	2:00 p.m.- 6:00 p.m.
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Note: The Periodical Room, Undergraduate and Graduate Reading Rooms will be open 2:00 p.m.-11:00 p.m. on Sundays.

Woman's College Library

Monday-Friday	8:00 a.m.-10:00 p.m.
Saturday	8:00 a.m.- 5:00 p.m.
Sunday	2:00 p.m.-10:00 p.m.

Schedules for other campus libraries will be posted in those libraries.

WEEKLY CALENDAR INFORMATION

This is the second issue of the weekly *Calendar* of Duke University for the academic year 1961-1962. Hereafter, the *Calendar* will appear every Saturday morning.

Members of the faculty and staff are requested to have notices for publication in the *Calendar* in Room 202-A Flowers Building, West Campus, not later than 1:00 p.m. on Thursday. This is absolutely necessary in order that the *Calendar* may be handled by the printers and be ready for distribution early Saturday morning.

To circumvent possible errors, it is requested that notices be submitted in typewritten form.

DINING HALL SCHEDULES

MEAL HOURS—MEN'S DINING HALLS

WEEKLY MEAL HOURS		SUNDAY HOURS	
<i>Cafeterias:</i>		<i>Cafeterias:</i>	
Breakfast	7:00- 9:30	Breakfast	8:30-11:00
Lunch	11:00- 2:00	Lunch	11:30- 2:00
Dinner	5:00- 7:00	Dinner	5:00- 7:00
Snack Bar:	9:30-11:00 a.m.	NO SNACK BAR OR GRILL ON SUNDAY	
<i>Grill:</i>		<i>Oak Room:</i>	
Lunch	11:30- 2:00	Lunch	11:30- 2:00
Dinner	5:00- 7:00	Dinner	5:00- 7:00
<i>Oak Room:</i>			
Lunch	11:30- 2:00		
Dinner	5:00- 7:00		

MEAL HOURS—WOMAN'S COLLEGE DINING HALLS

WEEKLY MEAL HOURS		SUNDAY HOURS	
Breakfast	7:15- 8:45	Breakfast	8:30- 9:30
Lunch	11:15- 1:30	Lunch	11:30- 1:30
Dinner	5:00- 6:30	Dinner	5:00- 6:15

MEAL HOURS—GRADUATE CENTER DINING HALLS

WEEKLY MEAL HOURS		SUNDAY HOURS	
Breakfast	7:15- 9:30	Breakfast Bar	
Lunch	11:15- 1:30	Only	8:30-11:00 a.m.
Dinner	5:00- 6:30		

Coffee Lounge 11:30 a.m.-11:00 p.m.

CHAMBER MUSIC CONCERTS 1961-1962

The Chamber Arts Society announces the following concerts for the 1961-1962 season:

Saturday, October 14th	AMADEUS QUARTET (London)
Saturday, November 4th	QUINTETTO CHIGIANO (Siena) strings and piano
Saturday, December 9th	PASQUIER TRIO (France)
Saturday, January 20th	HUNGARIAN QUARTET
Saturday, February 17th	DUO DOKTOR-MENUHIN Paul Doktor, viola Yaltah Menuhin, piano
Saturday, April 14th	NEW YORK STRING SEXTET

These Saturday evening concerts will be held in the Music Room, East Duke Building, beginning at 8:15 p.m.

MEMBERSHIP AND ADMISSION:

Membership Card admitting to the six concerts will cost \$10.00. The membership card is transferable. Membership enrollment is limited to 330 persons. Cards will be issued in order of application. Letters with membership application forms and program information are being sent to all members enrolled in 1960-1961, and will be sent to any interested persons on request.

Guest Card for single admission to any one concert will cost \$2.50. (About 60 Guest Cards will be available for each concert; they may be obtained at the door from 7:30 to 8:00 p.m.)

The Chamber Arts Society is a non-profit organization; membership is open to all persons. For membership enrollment, send check and address to *Chamber Arts Society, c/o Ernest W. Nelson, Box 6065 College Station, Durham, N. C.*

DUKE CHAPEL PREACHING SCHEDULE, FALL SEMESTER, 1961-62

September 17—Freshman Sunday—Rev. Howard C. Wilkinson, Chaplain to the University
September 24—Opening Sunday—Rev. Prof. James T. Cleland, Dean of the Chapel
October 1—World-Wide Communion—Bishop Stephen F. Bayne, Jr., Anglican Executive Officer, London, England
October 8—Dad's Day—Dean Cleland
October 15—Rev. Prof. Waldo Beach, The Divinity School
October 22—Homecoming—Rev. Prof. Robert E. Cushman, Dean The Divinity School
October 29—Rev. Prof. Albert C. Outler, Perkins School of Theology, S.M.U., Dallas, Texas
November 5—Rev. Prof. Hugh Anderson, The Divinity School
November 12—Dean Cleland
November 19—Thanksgiving Sunday—Chaplain Wilkinson
November 26—Thanksgiving Recess
December 3—Dean Cleland
December 10—Rev. Prof. James L. Price, Jr., Chairman, The Department of Religion
December 17—Christmas Sunday—Rev. Dr. Joseph R. Sizoo, Chaplain, George Washington University, Washington, D. C.
December 24—Christmas Recess
December 31—Christmas Recess
January 7—Rev. Prof. Creighton Lacy, The Divinity School
January 14—Rev. Prof. Joseph Sittler, The Divinity School, University of Chicago
January 21—Dean Cleland
January 28—Chaplain Wilkinson

DUKE UNIVERSITY 1961 FOOTBALL SCHEDULE AND TICKET PRICES

AT HOME

		PRICES			
Date	Time	Opponent	Regular	Plan Family	Children
Oct. 7	2:00	Wake Forest.....	\$4.50	\$2.50	\$.50
Oct. 21	2:00	Clemson	4.50	2.50	.50
Nov. 18	2:00	U. N. C.....	4.50	2.50	.50
Dec. 2	2:00	Notre Dame.....	4.50	2.50	.50

SEASON TICKETS—

PREFERRED LOCATION.....	\$18.00
FAMILY PLAN.....	8.00

AWAY

Date	Time	Opponent	Price
Sept. 30	1:30	Virginia, Richmond.....	4.50
Oct. 14	2:00	Ga. Tech, Atlanta.....	5.50
Oct. 28	1:30	N. C. State, Raleigh.....	4.00
Nov. 4	1:30	Michigan, Ann Arbor.....	5.00
Nov. 11	2:15	Navy, Norfolk.....	5.00

GERMAN EXAMINATION FOR CANDIDATES FOR GRADUATE DEGREES

German examinations for candidates for graduate degrees will be given October 17th-21st. Candidates register in the Graduate School Office for these examinations not later than October 5th.

FAMILY PLAN

To make it possible for Family Groups to attend games at a reduced price, the Duke Athletic Association is continuing this year, a Family Plan for tickets. Under this PLAN, a section of end zone seats has been set aside for sale as SEASON tickets to adults at \$8.00 each and to children (high school age and under) at \$2.00 each for the four home games. Thus, a family of four can attend ALL four of Duke's home games at a total cost of \$20.00. Tickets for individual games in this family plan area will be priced at \$2.50 each for adults and 50¢ each for children. All seats will be RESERVED.

THE GOTHIC BOOKSHOP

The Gothic Bookshop, favorite haunt of both students and faculty, is located by the entrance to Page Auditorium and is open weekdays from 9:00 a.m. to 5:00 p.m., on Wednesdays from 9:00 a.m. to 9:00 p.m.; and on Saturdays from 9:00 a.m. until noon.

Here may be found no hard-cover textbooks, but a most interesting and versatile stock of books in all fields—the latest important books as well as standard titles. A wide selection of first-class paperbound books, as well as fine editions and bindings are available. Also in stock are good prints and twice a year there is a special sale of fine reproductions. The Gothic Bookshop Book and Art Auction held twice each year is another of the unique services extended the campus under the able direction of Mr. Jeremy North.

1961-1962 ALL-STAR ARTISTS SERIES

Season tickets priced at \$8.00, \$9.00, and \$10.00 are available in 202-A Flowers Building. A check payable to Duke University Artists Series should accompany orders and should be mailed to Box KM, Duke Station, Durham, North Carolina. Call 681-0111, extension 2911 for further information. The concerts will be held in Page Auditorium at 8:15 p.m. on the indicated dates. The 1961-'62 Series is as follows:

BAYANIHAN PHILIPPINE DANCE COMPANY

Thursday, November 30

The hit of the 1959-'60 dance season, the Bayanihan Philippine Dance Company, returns for a transcontinental tour in 1961. Accompanying themselves with native instruments, the dancers transport the audience to the culture of another world—their victories, festivals, religious rituals, rural life. "Compared with this engaging, graceful, and disciplined group, the dancers in the brightest Broadway musicals seem pale indeed," *Newsweek* wrote. Walter Terry of the New York Herald Tribune exclaims, "One loves them on sight. The costumes are stunning, the music is fascinating but the performers are, to put it succinctly, irresistible."

PHILADELPHIA ORCHESTRA,

EUGENE ORMANDY CONDUCTING Tuesday, January 9

Since its first concert in 1900 the Philadelphia Orchestra has come to be known as one of the world's leading artistic insti-

tutions. *Newsweek* has described it as "the world's greatest orchestra," an opinion echoed throughout the world. Eugene Ormandy, who this season celebrates his twenty-fifth anniversary as conductor of the Orchestra, joins the symphony in its seventh visit to Durham.

THE ROBERT SHAW CHORALE AND ORCHESTRA

Thursday, February 1

Robert Shaw, considered by many to be the outstanding choral conductor in the world today, will with his company of 60 perform Bach's "Passion According to St. John." "The most active, direct and dramatic of Bach's classical works," this masterpiece, Mr. Shaw believes, "will make the strongest emotional impact upon an audience of any program presented thus far by the Robert Shaw Chorale and Orchestra.

LEON FLEISHER, PIANIST

Tuesday, February 20

Internationally recognized as one of America's greatest pianists, Leon Fleisher began his outstanding career by winning Europe's most distinguished—and difficult—instrumental competition: The Queen Elisabeth of Belgium Concours. In the succeeding years, the former pupil of the late Artur Schnabel has, according to Harold Rogers of the Christian Science Monitor, displayed "art of titanic dimensions." Following Mr. Fleisher's recent performance of Mozart's Piano Concerto in C, K. 503, with the Cleveland Orchestra, a New York Herald Tribune reviewer wrote: "Hearing him play, one suddenly knew what music was all about."

ELISABETH SCHWARZKOPF, SOPRANO

Friday, March 9

Since her first appearance in this country in 1953 Elisabeth Schwartzkopf's annual visits have become increasingly vital in the life of American music. Her versatility and perceptive interpretation are strikingly evident in her operatic roles—ranging from Rossini to Strauss, Mozart to Stravinsky—and in her lieder recitals. Miss Schwarzkopf, considered to be the leading portrayal of the Marschallin in Strauss's *Der Rosenkavalier* and said by the New York Herald Tribune to be "at once, a luminous beauty, a great singer, and an artist of deep sensitivity," comes to Durham for the first time.

WOODROW WILSON FELLOWSHIPS

The Woodrow Wilson National Fellowship Foundation offers, for the academic year 1962-1963, 1000 fellowships for first year graduate work leading to careers in college teaching. Superior undergraduate Seniors and recent graduates who have not entered graduate school are eligible. They do not apply, but must be nominated. Any member of the faculty may nominate a candidate by sending the name, college address, and proposed field of graduate study of the candidate to the Chairman of Region V, Dean I. B. Cauthen, Jr., College of Arts and Sciences, University of Virginia, Charlottesville, Virginia, not later than October 31, 1961. Further information about the program may be obtained from members of the local Woodrow Wilson Fellowship Committee: Professors Richard L. Watson, Jr., Patrick Vicent, and Merle M. Bevington.

ADVANCE NOTICE ORGAN RECITAL

The first organ recital of the academic year will be presented by Mildred L. Hendrix, University Organist, on Sunday afternoon, October 15th, at 4:00 p.m. in the Chapel.

FULBRIGHT LECTURESHIPS

Fulbright Lectureships for 1962-'63 in American Studies are being offered in: Economics, Geography, Government, History, Law, Literature, Philosophy and Political Science.

Application forms may be obtained directly from the Committee by writing to the Conference Board of Associated Research Councils, Committee on International Exchange of Persons, 2101 Constitution Avenue, N. W., Washington 6, D. C.

The closing date for consideration of applications is October 1, 1961 although some applications will be considered at a later date.

RESEARCH GRANTS FOR CANCER STUDY

The University is again in receipt of an institutional grant from the American Cancer Society for the current academic year. Grants, not to exceed \$2,500 each, will be made by the local committee to support research either directly bearing upon some facet of the problems of cancer and neoplasia or on related problems in biology, chemistry or physics. The funds may be employed for acquisition of equipment, stipends, consumable supplies or travel. Requests, in six copies, should be addressed to Dr. Philip Handler, Chairman of the University Committee on the Institutional Cancer Research Grant by September 25th.

STUDENT LOAN REPRODUCTIONS

Student Loan Pictures will be available, free of charge, beginning Monday, September 25th, at 9:00 a.m. The pictures, from the Department of Art, in

Room 103 Asbury Building, Monday through Friday between 9:00 a.m. and 5:00 p.m., are framed for hanging and are reproductions of oil paintings, watercolors and etching.

ART LOAN COLLECTION

The Duke University Art Loan Collection is now available for rental in Room 103 Asbury Building, Monday through Friday from 9:00 a.m. to 5:00 p.m. The collection contains reproductions of contemporary art and also some originals. It is open to former members of the Duke Arts Council, faculty, staff, and students. The pictures are rented for a semester at a fee of \$3.00 to be paid in advance.

ADVANCE NOTICE WORLD-WIDE COMMUNION SUNDAY

Next Sunday, October 1st, is observed throughout Christendom as World-Wide Communion Sunday. The Holy Communion will be celebrated during the University Service of Worship at 11:00 a.m., with the Reverend Professor James T. Cleland, Dean of the Chapel, serving as Celebrant. The preacher who is scheduled to deliver the sermon is Bishop Stephen F. Bayne, Jr., of London, England. He expects to preach on: "Obedience, Mission and Unity."

ADVANCE NOTICE DURHAM CIVIC CHORAL SOCIETY

The first meeting of the Durham Civic Choral Society will be held Monday, October 2nd at 8:00 p.m. in the Durham High School Rehearsal Hall. All qualified singers are invited to attend. For further information, call Mrs. Elizabeth Axelrod, 682-5045.

WEEK OF
Oct. 1-7, 1961

CALENDAR

WEEK OF
Oct. 1-7, 1961

OF DUKE UNIVERSITY



Events of the Week

Sunday, October 1

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. World-Wide Communion Service. Preacher: Bishop Stephen F. Bayne, Jr., Anglican Executive Officer, London, England. Celebrant: The Reverend Professor James T. Cleland. Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. U. R. C. Seminar. Faculty Lounge, West Union Building. Speaker: Bishop S. F. Bayne, Jr.

Monday, October 2

3:00-4:30 p.m. Madrigal Singers Rehearsal. Room 208 Asbury Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

4:15 p.m. Zoology Seminar. Room 113 Biology Building. Speaker: Dr. Philip Handler.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

5:30 p.m. U. R. C. Series: Image of Man in Contemporary Culture and Society. Men's Graduate Center. Speaker: Dr. Ransom Patrick.

7:00-8:30 p.m. English for Foreign Students. Room 316 Allen Building.

8:00 p.m. Erasmus Club. Green Room, East Duke Building.

8:00 p.m. Durham Civic Choral Society. Allied Arts Building.

Tuesday, October 3

10:10 a.m. Divinity School Chapel Service. York Chapel. Professor Waldo Beach.

12:40 p.m. Woodrow Wilson Luncheon. Old Trinity Room.

4:00 p.m. Mathematics Seminar. Room 114 Physics Building. Speaker: Dr. William D. L. Appling. Subject "Nonnegative Valued Interval Functions."

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00-9:00 p.m. Student Union Dance Lessons. Hanes Recreation Room.

7:30 p.m. Civil Engineering Meeting. Engineering Building. Speaker: Mr. William S. Lee.

Wednesday, October 4

10:10 a.m. Divinity School Chapel Service. York Chapel. Professor Waldo Beach.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 11:00 a.m. Divinity School Lecture. York Chapel. Lecturer: Dr. W. D. Weatherford, Director of the Appalachian Mountain Studies under the Ford Foundation. Subject: "Southern Appalachian Studies."
- 2:00 p.m. Final examination of Mr. Frank N. Jones for the Ph.D. degree in chemistry. Room 303 Chemistry Building.
- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Professor Michael Wal-lach.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00-8:30 p.m. English for Foreign Students. Room 316 Allen Building.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 8:15 p.m. Opening Session. Symposium: "The Commonwealth of Children." Page Auditorium. See (insert) for detailed program.

Thursday, October 5

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Oliver W. Clark.
- 12:45-2:15 p.m. Madrigal Singers Rehearsal. Room 109, Asbury Building.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 6:30 p.m. Slide Rule Lecture. Room 125 Engineering Building.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty Children will be admitted only when accompanied by their parents.

Friday, October 6

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Professor Waldo Beach and Mr. Robert Leverenz.
- 4:00-7:00 p.m. International Club Picnic. Gate I, Duke Forest.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those between the ages of 6-12 must be accompanied by their mothers.

Saturday, October 7

Dad's Day Week-end.

- 9:30 a.m. The final examination of Mr. Robert E. Canestrari, Jr., for the Ph. D. degree in Psychology. Room 204 Bivins Building.

- 2:00 p.m. Varsity Football: Duke versus Wake Forest. Stadium.
- 7:00 & 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Angry Silence," first prize winner International Film Critics Award with Richard Attenborough and Pier Angeli. From the pen of one of Britain's "Angry Young Men."
- 8:15 p.m. Dad's Day Concert. Woman's College Auditorium.

THE UNIVERSITY SERVICE OF WORSHIP

World-Wide Communion Sunday will be observed with the service of Holy Communion on Sunday, October 1st, at 11:00 a.m. in the University Chapel. The Reverend Professor James T. Cleland, Dean of the Chapel, will be the celebrant, and the sermon will be delivered by Bishop Stephen F. Bayne, Jr., Anglican Executive Officer, London, England. Senior Ministers will be The Reverend Arthur B. Holmes, Jr., Assistant Chaplain to Methodist Students; The Reverend Professor John J. Rudin, II, Associate Professor of Speech and Worship, The Divinity School; and The Reverend Howard C. Wilkinson, Chaplain to the University. Junior Ministers will be the members of The Divinity School Student Body.

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Wednesday, 6:00 P.M., Worship, East Duke Chapel. Friday, 4:30 P.M., Seminar series, Baptist Chaplain's Office, "Christianity and the Modern Parables." First reading, "No Exit" by Sartre.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 6:00 P.M., Dinner in honor of Bishop Stephen Bayne. Wednesday, 7:00 A.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: Sunday, 9:45 A.M., Sunday School in local Lutheran Churches; 6:30 P.M., Evensong. Speaker: Reverend C. W. Sugg, Christ Lutheran Church. Topic: "The John Birch Society and My Encounter with It." Wednesday, 7:15 and 8:00 A.M., Holy Communion in the Memorial Chapel of Duke Chapel. Rides leave East Campus at 7:00 A.M. Area retreat Sunday, October 8, at Umstead State Park. LSA's of WCUNC, UNC, NC State and Duke. Leave 9:30 A.M. Please call Chaplain at 286-9577.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Study Groups; 6:00 P.M., Evening Worship; 7:00 P.M., Forum hour, "The Challenge to Faith," Dr. Robert Osborne, Department of Religion. Wednesday, 6:00 P.M., Holy Communion.

PRESBYTERIAN (WESTMINSTER FELLOWSHIP): Sunday, Presbyterian Sunday School, 208 Flowers Building, 9:30 A.M.; Westminster Fellowship, Vespers and Holy Communion, 6:15 P.M., The Ark.

U. R. C. SEMINAR

On Sunday afternoon, October 1st, at 4:00 in the Faculty Lounge, Bishop Stephen F. Bayne, Jr., will lead a discussion on "The Search for Unity in the University." This program is the first of a number of interdisciplinary seminars which will be held throughout the year primarily for graduate students. Today's seminar is open to any interested graduate student or faculty member.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, October 2nd, Room 113 Biology Building at 4:15 p.m. Dr. Philip Handler, Department of Biochemistry, will speak on "Early Biochemical Evolution." Coffee and tea will be served at 4:00 p.m.

U. R. C. SERIES

On Monday evening, October 2nd, at 5:30 p.m. in the Men's Graduate Center, Dr. Ransom Patrick, Chairman of the Art Department, will lead a discussion on "Contemporary Art and Social Ideals." This is the first presentation in a series on the image of man in contemporary culture and society. This series, primarily for graduate students, is sponsored by the University Religious Council. All graduate students are cordially invited to bring their trays to Room B-C for this dinner-discussion meeting.

ENGLISH FOR FOREIGN STUDENTS

English for Foreign Students (English 100) will meet each Monday and Wednesday evening from 7:00 to 8:30 p.m. in Room 316 Allen Building. All foreign speaking members of the Duke community, including wives, are eligible for enrollment.

ERASMUS CLUB

The first meeting of the Erasmus Club for 1961-62 will be at 8:00 p.m., Monday, October 2nd, in the Green Room, East Duke Building. The speaker will be Professor Lionel Stevenson, James B. Duke Professor of English, who will discuss "The Romantic Novel from Meredith to Conrad."

Old members are urged to renew their membership, and a special welcome is extended to guests and new members.

DURHAM CIVIC CHORAL SOCIETY

The Durham Civic Choral Society will begin its fourteenth year at its first meeting at 8:00 p.m. on

Monday, October 2nd, at the Allied Arts Building, Proctor Street. All qualified singers who wish to join are cordially invited. The Society plans two public performances this year as usual—one around Christmas and the second in the spring. The first concert has been scheduled for December 4th and works by Vivaldi, Buxtehude, and Vaughn Williams are planned for this program.

Dr. Paul Bryan of the Duke Music Faculty will continue to conduct the group as well as the newly-formed Triangle Little Symphony, which will accompany the singing group. Additional information may be had by calling Elizabeth Axelrod, Publicity Chairman, at 682-5045.

WOODROW WILSON LUNCHEON

Directors of Undergraduate Studies are reminded that they are invited to lunch as guests of the Woodrow Wilson National Fellowship Foundation on Tuesday, October 3rd, at 12:40 p.m. in the Old Trinity Room.

CIVIL ENGINEERING MEETING

The American Society of Civil Engineers Student Chapter will meet on Tuesday, October 3rd, at 7:30 p.m. in the auditorium of the Engineering Building. Mr. William S. Lee, Assistant Chief Engineer of the Duke Power Company, will speak on "Engineering Aspects of the Catawba River Project." Interested students and public are cordially invited to attend.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Frank N. Jones for the Ph.D. degree in Chemistry will be held on Wednesday, October 4th, at 2:00 p.m. in Room 303 Chemistry Building. The subject of Mr. Jones' dissertation is "Mechanistic Studies of the Ortho-Substitution Rearrangement and of Certain Related Reactions." The committee to conduct the examination consists of Professors C. R. Hauser, L. A. Bigelow, L. D. Quin, H. A. Strobel, and R. M. Williamson. Professor Hauser will preside.

PSYCHOLOGY COLLOQUIUM

Professor Michael Wallach of the Massachusetts Institute of Technology will speak on Wednesday, October 4th, 209 Bivins at 4:30 p.m. Coffee will be served at 4:00 p.m.

Professor Wallach's topic is expressive constriction and expansiveness in children.

SLIDE RULE LECTURE

The second of the annual Slide Rule Lectures presented in the Engineering Auditorium will be heard on Thursday, October 5th, at 6:30 p.m. Dr. John Artley will lecture and direct practice in the use of C and D scales, multiplication, division, proportions, percentages, and the location of the decimal point. Since sample problems and examples will be studied, it is desirable that those attending bring slide rules. Sponsored jointly by Tau Beta Pi and The Order of Saint Patrick, the lectures are open to the public.

INTERNATIONAL CLUB PICNIC

The International Club is organizing an International Picnic for foreign and American students to be held on Friday, October 6th from 4:00 to 7:00 p.m. at Duke Forest, Gate I. All members of the University Community are extended a cordial invitation. Transportation to the picnic area will be available from the Men's Graduate Center at 4:00 p.m. and the Traffic Circle, East Campus, at 5:15 p.m.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Robert E. Canestrari, Jr. for the Ph.D. degree in Psychology will be held on Saturday, October 7th, at 9:30 a.m. in Room 204 Bivins Building. The subject of Mr. Canestrari's dissertation is "The Relationship of Vigilance to Paced and Self-paced Learning in Young and Elderly Adults." The committee to conduct the examination consists of Professors Louis D. Cohen, Walter Obrist, E. E. Jones, Norman Guttman, and Weston LaBarre. Professor Cohen will preside.

DAD'S DAY CONCERT

The annual Dad's Day Concert will be presented on Saturday, October 7th, at 8:15 p.m. in Page Auditorium. The choral groups, under the direction of Paul Young, will include the University Men's Glee Club, Women's Glee Club, and the Chapel Choir. This concert, the only combined concert of this kind to be presented this year, is open to the public. The admission charge is \$1.00, with no seats reserved.

STUDENT UNION POPULAR PHOTOGRAPHY EXHIBIT

The Student Union Fine Arts Committee presents an exhibit of the prize-winning pictures in the "Popu-

lar Photography International Exhibit." The exhibit features approximately 100 photographs which won top honors in the yearly competition, the biggest such event in world photography. The show presents the very best work in contemporary camera art. It may be seen in the Alumni Lounge of West Union Building during the hours of 9:00 a.m. to 10:30 p.m. It will run two weeks.

SCIENCE RESEARCH APPOINTMENTS

The Oak Ridge Institute of Nuclear Studies announces a new grant for qualified university scientists. The Oak Ridge Research Participation Program enables university professors to spend from three months to a year conducting research in the extensive government facilities in Oak Ridge, Tennessee, while retaining their university posts and drawing their regular salaries. (Because of the structure of the academic year, most research participants elect to spend the three summer months under the program.)

Administered for the U. S. Atomic Energy Commission by the University Relations Division of ORINS, the program is carried out primarily at Oak Ridge National Laboratory, although limited opportunities for research participation also exist at the University of Tennessee-AEC Agricultural Research Laboratory and at ORINS.

Deadline for applying for a 1962 appointment under the program is December 15, 1961. Copies of the new ORINS brochure and further information are available from the ORINS Research Participation Office and should be addressed to P. O. Box 117, Oak Ridge, Tennessee.

MILLER ANALOGIES TEST

The Miller Analogies Test is required for admission to some graduate schools and is highly recommended for applicants for Woodrow Wilson Fellowships. This test is to be administered at the Bureau of Testing and Guidance on:

Monday, October 16th, 9:20 a.m.

Tuesday, October 17th, 2:00 p.m.

Monday, October 23rd, 11:40 a.m.

Monday, October 23rd, 2:00 p.m.

Tuesday, October 24th, 4:00 p.m.

Thursday, October 26th, 9:20 a.m.

Appointments for taking the test and payment of the \$5.00 must be made in advance. Applicants should make their appointments as soon as possible at the Bureau of Testing and Guidance, Room 309 Flowers Building.

SYMPOSIUM ON THE COMMONWEALTH OF CHILDREN

To honor Doctor Wilburt C. Davison most suitably on the occasion of his retirement as Dean of the Duke University Medical School and as James B. Duke Professor of Pediatrics, the faculty and trustees of Duke University and the Duke Endowment will sponsor a symposium on the topic "The Commonwealth of Children"—a subject closely related to Doctor Davison's life and work.

The symposium will introduce the concept of the world's children as a unit. Sessions will be devoted to problems in each of the following areas: education and culture, population, economics and health. Experts from different countries and various disciplines have been invited to examine past and present attitudes toward children, to discuss the conditions under which the world's children now live, and to explore the problems which require solution so that children may have a better opportunity to become responsible adults. It is hoped that this program will create a more general awareness not only of the state of the world's children but also of the urgent need to reorient ourselves toward more constructive efforts both nationally and on a worldwide basis.

President Deryl Hart announces the advent of the Symposium and extends an especial invitation to all members of the University Community to attend these functions.

Exhibit

An exhibit of books on the History of Pediatrics, "From Hammurabi to Gesell," from the Josiah C. Trent Collection, Duke Medical Center Library, will be on display in the lobby of the Flowers Building, in Page Auditorium and in the University Library.

Please Note: All meetings will be held in Page Auditorium unless otherwise noted on the program which follows:

Wednesday, October 4

- 8:15 p.m. Welcome Address, Dr. Deryl Hart
Introduction of Dr. Wilburt C. Davison
Address, Dr. Grayson Kirk

Thursday, October 5

THE COMMONWEALTH OF CHILDREN

- 10:10 a.m. Dr. Barnes Woodhall, Chairman
10:10 a.m. "What is a Child? Historical Perspectives and Changing Concepts." Dr. George Boas
11:00 a.m. "New Attitudes, Responsibilities, and Loyalties Towards the Commonwealth of Children." Dr. Brock Chisholm

POPULATION AND ECONOMICS

- 2:00 p.m. Dr. P. K. Whelpton, Chairman
2:15 p.m. "The Implications of Current and Prospective Population Growth Trends for the Future of Children and the Children of the Future in Economically Advanced Countries." Dr. Ansley J. Coale
2:45 p.m. "The Implications of Current and Prospective Population Growth Trends for the Future of Children and the Children of the Future in Economically Underdeveloped Countries." Dr. Kingsley Davis
3:15 p.m. Intermission

- 3:45 p.m. Panel: "Universality of the Population Problem, Attitudes and Policies." Dr. Nathan Keyfitz, Discussor

Friday, October 6

PROBLEMS IN EDUCATION

- 9:30 a.m. Dr. Hugh L. Keenleyside, Chairman
9:45 a.m. "Current Problems and Future Trends in the Education of Children in the Developing Countries." Dr. J. F. Lockwood
10:30 a.m. "Current Problems and Future Trends in the Education of Children in the United States." Dr. Francis Keppel
11:15 a.m. Intermission
11:45 a.m. Discussion
Dr. Eleanor E. Maccoby
Members of the Session

HEALTH PROBLEMS AND SOCIAL STRUCTURE

- 2:00 p.m. Dr. Howard Rusk, Chairman
2:10 p.m. "Major World Health Problems of Children." Dr. Wiktorina Winnicka
2:50 p.m. "The Children of India—Interaction of Health, Education, and Economic Conditions." The Rajkumari Amrit Kaur
3:30 p.m. Intermission
4:00 p.m. Panel: "Impact of Health Programs on the Welfare of Children." Dr. Myron Wegman
Miss Mary Switzer
Dr. Louis K. Diamond
8:15 p.m. "How Can the Commonwealth of Children be Developed in a Mature Adult Society?" Panel Discussion

Saturday, October 7

- 10:30 a.m. Convocation
Address: Dr. Richard H. Shryock

Sunday, October 8

Duke University Chapel

- 11:00 a.m. "Spiritual Aspects of the Commonwealth of Children." Reverend James T. Cleland

Participants

- Dr. Wilburt C. Davison, former Dean, Duke University School of Medicine, and former James B. Duke Professor of Pediatrics, Duke University School of Medicine.
Dr. George Boas, Professor of Philosophy Emeritus, Johns Hopkins University.
Dr. Brock Chisholm, Director General Emeritus, World Health Organization.
Reverend James T. Cleland, Dean of the Chapel and James B. Duke Professor of Preaching, Duke University.
Dr. Ansley J. Coale, Director of Office of Population Research, Princeton University, and a U. S. Representative to the Population Commission of the United Nations.
Dr. Kingsley Davis, Professor of Sociology, University of California, and former U. S. Representative to the Population Commission of the United Nations.
Dr. Louis K. Diamond, Department of Pediatrics, Harvard Medical School.
Dr. Deryl Hart, President of Duke University.
The Rajkumari Amrit Kaur, former Minister of Health of India, Vice-President, Board of Governors of the League of Red Cross Societies.

Dr. Hugh L. Keenleyside, former Director-General, Technical Assistance Administration, United Nations; presently Chairman, British Columbia Power Commission.

Dr. Francis Keppel, Deau of the Graduate School of Education, Harvard University.

Dr. Nathan Keyfitz, Professor of Sociology, Department of Political Economy, University of Toronto, and former Technical Advisor to the Colombo-Plan Countries.

Dr. Grayson Kirk, President of Columbia University.

Dr. J. F. Lockwood, Master, Birkbeck College, University of London.

Dr. Eleanor E. Maccoby, Department of Psychology, Stanford University.

Dr. Howard Rusk, Professor and Chairman, Department of Physical Medicine, New York University Medical Center.

Dr. Richard H. Shryock, Librarian, American Philosophical Society.

Miss Mary Switzer, Director, Office of Vocational Rehabilitation, Department of Health, Education and Welfare.

Dr. Myron Wegman, Dean, School of Public Health, University of Michigan, formerly Secretary-General of the Pan-American Sanitary Bureau and Regional Office of the World Health Organization for the Americas.

Dr. P. K. Whelpton, Director, Scripps Foundation for Research in Population Problems.

Dr. Wiktorina Winnicka, Chief Medical Officer, Maternal and Child Health Section, World Health Organization, Geneva, Switzerland.

Dr. Barnes Woodhall, Dean, Duke University School of Medicine.

CHAMBER MUSIC CONCERTS 1961-1962

The Chamber Arts Society announces the following concerts for the 1961-1962 season:

Saturday, October 14th	AMADEUS QUARTET (London)
Saturday, November 4th	QUINTETTO CHIGIANO (Siena) strings and piano
Saturday, December 9th	PASQUIER TRIO (France)
Saturday, January 20th	HUNGARIAN QUARTET
Saturday, February 17th	DUO DOKTOR-MENUHIN Paul Doktor, viola Yaltah Menuhin, piano
Saturday, April 14th	NEW YORK STRING SEXTET

These Saturday evening concerts will be held in the Music Room, East Duke Building, beginning at 8:15 p.m.

MEMBERSHIP AND ADMISSION:

Membership Card admitting to the six concerts will cost \$10.00. The membership card is transferable. Membership enrollment is limited to 330 persons. Cards will be issued in order of application. Letters with membership application

forms and program information are being sent to all members enrolled in 1960-1961, and will be sent to any interested persons on request.

Guest Card for single admission to any one concert will cost \$2.50. (About 60 Guest Cards will be available for each concert; they may be obtained at the door from 7:30 to 8:00 p.m.)

The Chamber Arts Society is a non-profit organization; membership is open to all persons. For membership enrollment, send check and address to *Chamber Arts Society, c/o Ernest W. Nelson, Box 6065 College Station, Durham, N. C.*

WOODROW WILSON FELLOWSHIPS

The Woodrow Wilson National Fellowship Foundation offers, for the academic year 1962-1963, 1000 fellowships for first year graduate work leading to careers in college teaching. Superior undergraduate Seniors and recent graduates who have not entered graduate school are eligible. They do not apply, but must be nominated. Any member of the faculty may nominate a candidate by sending the name, college address, and proposed field of graduate study of the candidate to the Chairman of Region V, Dean I. B. Cauthen, Jr., College of Arts and Sciences, University of Virginia, Charlottesville, Virginia, not later than October 31, 1961. Further information about the program may be obtained from members of the local Woodrow Wilson Fellowship Committee: Professors Richard L. Watson, Jr., Patrick Vincent, and Merle M. Bevington.

1961-1962 ALL-STAR ARTISTS SERIES

Season tickets priced at \$8.00, \$9.00, and \$10.00 are available in 202-A Flowers Building. A check payable to Duke University Artists Series should accompany orders and should be mailed to Box KM, Duke Station, Durham, North Carolina. Call 681-0111, extension 2911 for further information. The concerts will be held in Page Auditorium at 8:15 p.m. on the indicated dates. The 1961-'62 Series is as follows:

BAYANIHAN PHILIPPINE DANCE COMPANY	Thursday, November 30
THE ROBERT SHAW CHORALE AND ORCHESTRA	Thursday, February 1
LEON FLEISHER, PIANIST	Tuesday, February 20
PHILADELPHIA ORCHESTRA, EUGENE ORMANDY CONDUCTING	Tuesday, January 9
ELISABETH SCHWARZKOPF, SOPRANO	Friday, March 9

WEEK OF
Oct. 8-14, 1961

WEEK OF
Oct. 8-14, 1961

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, October 8

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "Spiritual Aspects of the Commonwealth of Children." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, October 9

3:00-4:30 p.m. Madrigal Singers Rehearsal. Room 208 Asbury Building.

4:00 p.m. Chemistry Staff Seminar. Room 01 Chemistry Building. Speaker: Dr. W. D. Ollis.

4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Professor D. P. Costello.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

Tuesday, October 10

10:10 a.m. Divinity School Chapel Service. York Chapel. Professor Frederick Herzog.

3:00-4:30 p.m. Campus Club Tea. University House, 2138 Myrtle Drive.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

8:15 p.m. Mary Duke Biddle Music Foundation Lectures: Music Room, East Duke Building. Speaker: Iain Hamilton.

Wednesday, October 11

10:10 a.m. Divinity School Chapel Service. York Chapel. Professor Frederick Herzog.

1:00-5:00 p.m. Registration for Duke Hospital Auxiliary Symposium. Flowers Lounge.

4:15 p.m. Botany Seminar. Room 123 Science Building, East Campus. Speaker: Dr. Lewis E. Anderson.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. Cabot Society Meeting. Men's Graduate Center. Speaker: Dr. David T. Smith.

6:00 p.m. Duke Hospital Auxiliary Symposium Dinner. Union Ballroom. Speaker: Mrs. Viola Pinanski.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Man in the Moon," the hilarious British farce about "fearless" astronauts, starring Kenneth More and Shirley Ann Field. "Funny! More is abundantly droll."—Times.

Thursday, October 12

9:00 a.m.-12:30 p.m. Duke Hospital Auxiliary Symposium Workshops. Flowers Building.

10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Hewlett Stith.

12:30 p.m. Duke Hospital Auxiliary Symposium Luncheon. Union Ballroom. Speaker: Dean James T. Cleland.

12:45-2:15 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:00 p.m. Undergraduate Faculty Council Meeting. Room 208 Flowers Building.

4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:00 p.m. Faculty Volleyball. Indoor Stadium.

6:30 p.m. Slide Rule Lecture. Room 125 Engineering Building. Speaker: Professor Ernest Elsevier.

7:30 p.m. International Law Society Lecture Series. Law School Courtroom. Speaker: Mr. Peter J. Liacouras.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:00 p.m. Faculty Club Meeting. University House. Speaker: Dr. Barnes Woodhall.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty Children will be admitted only when accompanied by their parents.

Friday, October 13

10:10 a.m. Divinity School Chapel Service. York Chapel. Professor Frederick Herzog and Mr. Vasser Jones.

12:30 p.m. Moslem Students Association Meeting. Room 207-A Flowers Building.

3:00 p.m. Freshman Football: Duke versus Wake Forest. Winston-Salem.

4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those under 12 must be accompanied by their mothers.

8:00 p.m. A.A.U.P. Meeting. Union Ballroom. Speaker: Professor Robben W. Fleming.

8:30 p.m. Christian Science Lecture. Room 208 Flowers Building. Speaker: Mrs. Naomi Price.

Saturday, October 14

Varsity Soccer: Duke versus West Chester. Soccer Field.

Varsity Cross Country: Duke versus Maryland and Clemson.

2:00 p.m. Varsity Football: Duke versus Georgia Tech. Atlanta, Georgia.

2:00 p.m. North Carolina Chapter of the Unitarian Fellowship for Social Justice, Room 208, Flowers Building. Speaker, Miss Sarah Herbin, American Friends Service Committee. Topic: "Employment on Merit."

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Man in the Moon," the hilarious British farce about "fearless" astronauts, starring Kenneth More and Shirley Ann Field. "Funny! More is abundantly droll."—Times.

8:15 p.m. Chamber Arts Society: Amadeus String Quartet. Music Room, East Duke Building.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, October 9th, in Room 113 Biology Building at 4:15 p.m. Professor D. P. Costello, Department of Zoology, University of North Carolina will speak on "Cells and Centrioles." Coffee and tea will be served in Room 113 at 4:00 p.m. preceding the seminar.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor James T. Cleland, Dean of the Chapel, will deliver the sermon at the University Service of Worship on Sunday, October 8th, at 11:00 a.m. in the University Chapel. His subject will be "Spiritual Aspects of the Commonwealth of Children." The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, and the Reverend P. Wesley Aitken, Chaplain to the Hospital, Presiding Ministers.

Organ Preludes—Concerto I in G

J. S. Bach

Allegro, Grave, Presto

Aria

Arcadeit-Liszt

Call to Worship—"Sanctus" from Mass II *Hans Leo Hassler*

Hymn—"From Thee All Skill and Science Flow"

Johann Crüger

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Jesu, Joy of Man's Desiring"

J. S. Bach

Scripture—Mark 10:13-16; Matthew 18:1-6

Hymn—"Father, Whose Will is Life and Good"

Thomas Tallis

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Sanctus and Hosanna"

Franz Schubert

Response—The Doxology

Prayer of Dedication

Sermon—"Spiritual Aspects of the Commonwealth of Children"

Prayer

Benediction

The Sevenfold Amen

Stainer

The Chimes

Postlude—Fugue in G minor

J. S. Bach

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Wednesday, 6:00 P.M., Worship, East Duke Chapel. Rides from West Campus and Hanes House at 5:50 P.M. Friday, 4:40 P.M., Seminar meets in Baptist Chaplain's office. All interested persons are invited. Reading **No Exit** by Sartre. Baptist students are reminded of the state Baptist Student Union Convention November 3 and 4. To register, call 489-0023 or leave your name in Chaplain's office or with a council member.

The Fall Meeting of the Duke University Religious Council will be held at Camp New Hope, Thursday, October 12, beginning at 4:00 P.M. The meeting will begin with recreation, followed by dinner, and it will be concluded with a business session after dinner. All persons who have been elected or appointed to the Council, or who are **ex-officio** members, are asked to reserve this date for this occasion. Rides to the retreat will leave the Chapel steps on West Campus and

the Circle on East Campus at 4:00 P.M. and at 5:30 P.M. Persons who plan to go to the retreat should contact the Chapel office and indicate the time at which they expect to leave and whether they plan to take their own car or whether they desire to have a ride offered them. All who can take their cars are asked to do so, in order that there may be sufficient transportation.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Holy Communion; 6:30 P.M., Evensong, Dean Womble, "Faith and Dogma." Wednesday, 7:00 A.M. and 5:00 P.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: Sunday, 10:00 A.M.-5:30 P.M., Fall Inter-Campus Retreat, Umstead State Park; 6:30 P.M., L. S. A.—"Green Room," East Duke Building, East Campus. Bi-weekly study, introduction, the American Contemporary Religious Scene, on Peter Berger's *The Noise of Solemn Assemblies*. Wednesday, 7:15 and 8:00 A.M., Holy Communion, Memorial Chapel of Duke Chapel. Rides leave East Campus at 7:00 A.M.

METHODIST STUDENT FELLOWSHIP: 9:30 A.M., Study Groups; 6:00 P.M., Evening Worship, Anwar Barkat, Preacher; 6:45 P.M., Congregational Supper (35¢ per plate). Wednesday, 6:00 P.M., Holy Communion. Saturday and Sunday, October 14 and 15, Fall Retreat, Camp Kanata, Dr. John Carlton, Speaker. Cost—\$2.50—Call Methodist Student Center, 286-9230, for reservations.

PRESBYTERIAN (WESTMINSTER FELLOWSHIP): Sunday, 9:30 A.M., Presbyterian Sunday School, 208 Flowers Building; 6:15 P.M., Westminster Fellowship, "The Challenge of Church Vocations," Professor Will Kennedy of Union Theological Seminary and the President of the Seminary Student Body, The Ark.

CHEMISTRY STAFF SEMINAR

Dr. W. D. Ollis, of the University of Bristol, will speak at the Chemistry Staff Seminar on Monday, October 9th, in Room 01 Chemistry Building at 4:00 p.m. The subject of Dr. Ollis' address will be "A New Family of Antibiotics." All interested persons are invited.

BOTANY SEMINAR

The Botanical Seminar will meet on Wednesday, October 11th, at 4:15 p.m. in Room 123 Science Building, East Campus. Tea and coffee will be served at 4:00 p.m. Dr. Lewis E. Anderson will present to the Botanical Seminar essentially the same paper which he gave at the recent AIBS meetings at Purdue University. This was one of four papers of Symposium entitled "Modern Species Concepts," delivered at a joint session of the American Bryological Society, the American Society of Plant Taxonomists and the Taxonomic Section of the Botanical Society of America.

CAMPUS CLUB TEA

The Campus Club will honor newcomers to the University at the first tea of the year, on Tuesday afternoon, October 10th from 3:00 to 4:30, at the University House, 2138 Myrtle Drive. Hostesses for the tea are the wives of the faculty of the departments of English and Mathematics. Mrs. Benjamin Boyce will serve as chairman.

MARY DUKE BIDDLE MUSIC FOUNDATION LECTURES

The first of two lectures to be given at the University by Iain Hamilton, British composer and Mary Duke Biddle Foundation Lecturer, will be presented on Tuesday, October 10th at 8:15 p.m. in the Music Room of East Duke Building. A reception honoring Mr. Hamilton will be given in East Duke Parlors immediately after the lecture. The second lecture will take place on Tuesday, October 17th, at the same time and place. The University Community and general public are cordially invited to attend.

On October 10th, Mr. Hamilton will speak on "The Contemporary Composer and His Audience." In this lecture he will attempt to account for and assess, in both artistic and social terms, the widening gulf between artist and audience.

The topic on October 17th will be "Serial Techniques," describing the uses of the serial techniques found in contemporary non-tonal music and discussing their inevitability as the basis of contemporary music.

DUKE HOSPITAL AUXILIARY SYMPOSIUM

The Duke Hospital Auxiliary will be host to a Medical Auxiliary Symposium on Wednesday, October 11th, and Thursday, October 12th, in Flowers Building. Registration will open at 1:00 p.m. in Flowers Lounge. A dinner in the Union Ballroom will feature as speaker, Mrs. Viola Pinanski of Brookline, Massachusetts, former member of the American Hospital Association Council on Auxiliaries, and at present a member of the United Nations World Health Organization.

A series of workshops on various functions and problems of auxiliaries will occupy the Thursday morning session, concluding with an evaluation session led by Mrs. Germaine Sebro of the American Hospital Association in Chicago. Dean James T. Cleland will present the closing address at the luncheon in the Union Ballroom, speaking on "Nisi Dominus Frustra," the motto of the American Hospital Association.

CABOT SOCIETY MEETING

The Cabot Society will hold its first meeting in the 1961-62 series of programs, Wednesday evening, October 11, in the private dining room of the Men's Graduate Center. Open to all students in the Medical School and the School of Nursing, Cabot Society has no dues and no formal membership roll. It is

concerned with the treatment of the patient as a total person, made up of body, mind and spirit. The mutual interests and inter-relatedness of religion and medicine are explored. The meeting commences with a Dutch supper at 5:30 o'clock and concludes with a lecture and discussion. Persons planning to attend should go through the cafeteria line and bring their trays to the private dining room. The speaker for the first meeting is to be Dr. David T. Smith, James B. Duke Professor of Bacteriology, in the Medical School.

UNDERGRADUATE FACULTY COUNCIL MEETING

The first meeting of the Undergraduate Faculty Council during the 1961-62 academic year will be held in Room 208 Flowers Building at 4:00 p.m. on Thursday, October 12th.

SLIDE RULE LECTURE

The third of the annual Slide Rule Lectures presented in the Engineering Auditorium will be heard on Thursday, October 12th, at 6:30 p.m. Professor Ernest Elsevier will lecture on combined operations using the C, D, CI, DI, CF, DF, A, and B scales. Since sample problems and examples will be studied, it is desirable that those attending bring slide rules. Sponsored jointly by Tau Beta Pi and The Order of Saint Patrick, the lectures are open to the public.

INTERNATIONAL LAW SOCIETY LECTURE SERIES

The Duke International Law Society is sponsoring a short lecture series for those interested in international legal relations. The lectures are scheduled for 7:30 p.m. and will be held in the Law School Courtroom, on consecutive Thursdays.

A schedule of the lectures follows:

- | | |
|-----------------------|---|
| Thursday, October 12 | "The UN and the World Court—Action or Inaction, Importance, Limitations," Mr. Peter J. Liacouras. |
| Thursday, October 19 | "The Commonwealth in the International Community," Professor Robert Tilman. |
| Thursday, October 26 | "Some Problems in International Economic Relations," Professor Hans Gerhard. |
| Thursday, November 2 | "International Law in the News," Professor Arthur Larson. |
| Thursday, November 9 | "Current Developments in Military International Law," Professor Seymour Wurfel, University of North Carolina. |
| Thursday, November 16 | "Some Legal Aspects of the Berlin Problem," Professor Hans Baade. |

FACULTY CLUB MEETING

The Faculty Club will hold its first meeting of the year on Thursday, October 12th, at 8:00 p.m. in the University House, 2138 Myrtle Drive. Dr. Barnes Woodhall, Dean of the Duke Medical School, will address the group on "The University Medical Center." New faculty members are invited to attend and get acquainted.

MOSLEM STUDENT ASSOCIATION MEETING

The Moslem Student Association will hold Friday prayers in Room 207-A Flowers Building throughout the fall semester. The prayers will be at 12:30 p.m.

AMERICAN ASSOCIATION OF UNIVERSITY PROFESSORS MEETING

An open meeting of the Duke University Chapter of the A.A.U.P. will be held at 8:00 p.m., Friday, October 13th, in the Union Ballroom. The speaker will be Robben W. Fleming, Professor of Law, University of Illinois, whose subject will be "Faculty Responsibility in the Determination of University Policies." All members of the faculty are invited to attend.

CHRISTIAN SCIENCE LECTURE

A lecture on Christian Science entitled "Christian Science: Religion of Comfort and Joy," by Mrs. Naomi Price, C. S., of London, England, will be presented on Friday, October 13th in Room 208 Flowers Building at 8:30 p.m. Mrs. Price is a member of the Board of Lectureship of The Mother Church, The First Church of Christ, Scientist, in Boston, Massachusetts. Interested persons are invited to attend.

CHAMBER ARTS SOCIETY AMADEUS STRING QUARTET

The Chamber Arts Society announces the first concert of its season, to be played by the Amadeus String Quartet from London, Saturday, October 14th, in the Music Room, East Duke Building, at 8:15 p.m. The musicians are Norbert Brainin and Siegmund Nissel (Violins), Peter Schidlof (Viola), and Martin Lovett (Cello). The program follows:

Haydn.....Quartet in G major, Opus 64, No. 4
Beethoven.....Quartet in A minor, Opus 132
Mozart.....Quartet in F major, K. 590

Other chamber music concerts scheduled this season include:

November 4 (Saturday) Quintetto Chigiano
December 9 " Pasquier Trio
January 20 " Hungarian Quartet
February 17 " Duo Doktor-Menuhin (Viola-Piano)
April 14 " New York String Sextet

Membership and Admission:

Membership Card admitting to six concerts costs

\$10.00. The Membership Card is transferable. Membership enrollment is limited to 330 persons (35 remain available at present). Cards will be issued in order of application. Program in formation will be sent to any interested persons as request.

Guest Card for single admission to any one concert will cost \$2.50. About 60 Guest Cards will be available for each concert; they may be obtained at the door from 7:30 to 8:00 p.m.

The Chamber Arts Society is a non-profit organization; membership is open to all persons. For membership enrollment, send check and address to Chamber Arts Society, % Ernest W. Nelson, Box 6065, College Station, Durham, North Carolina.

EXCHANGE PROGRAM QUID PRO QUO

A new service to enable American university and college faculty members to visit different parts of the U. S. or Canada for the cost of transportation alone has been formed. Called Quid Pro Quo, the service arranges for the exchange of homes between university personnel in both the United States and Canada.

The new program maintains a registry of faculty members willing to offer their homes for a suitable exchange. The service will find equivalent accommodations in the area of the individual's choice. Faculty members interested in vacations, field work, or study can exchange their homes for periods ranging from one week to over a year. Married graduate students in good standing may also use the service.

Quid Pro Quo will also arrange for exchanges with European faculty members over the summer or for longer periods (Sabbaticals, grants, etc.).

The organization, whose offices are at 865 West End Avenue, New York City, maintains a fee schedule ranging from \$25 for domestic to \$75 for European exchanges.

OAK RIDGE GRADUATE FELLOWSHIP PROGRAM

Scientific research facilities normally unavailable at even the leading universities in the world can be used by graduate students for thesis research. The vast laboratories at Oak Ridge, Tennessee, can be utilized by graduate students who have successfully completed their course work, lack only their thesis, and make prearrangements with university and Oak Ridge officials. The unusual opportunity is provided under an Atomic Energy Commission program, which is administered by the Oak Ridge Institute of Nuclear Studies, in co-operation with Oak Ridge National Laboratory. A brochure on the program, issued the last week in September, describes the Oak Ridge Graduate Fellowship Program in detail, including student qualifications, available facilities in Oak Ridge, and method of applying for an appointment.

Copies of the new brochure can be obtained from the Oak Ridge Graduate Fellowship Office, Oak Ridge Institute of Nuclear Studies, P. O. Box 117, Oak Ridge, Tennessee.

MILLER ANALOGIES TEST

The Miller Analogies Test is required for admission to some graduate schools and is highly recommended for applicants for Woodrow Wilson Fellowships. This test is to be administered at the Bureau of Testing and Guidance on:

Monday, October 16th, 9:20 a.m.
Tuesday, October 17th, 2:00 p.m.
Monday, October 23rd, 11:40 a.m.
Monday, October 23rd, 2:00 p.m.
Tuesday, October 24th, 4:00 p.m.
Thursday, October 26th, 9:20 a.m.

Appointments for taking the test and payment of the \$5.00 must be made in advance. Applicants should make their appointments as soon as possible at the Bureau of Testing and Guidance, Room 309 Flowers Building.

ADVANCE NOTICE STUDENT UNION PRESENTS "LE THEATRE D'ART DU BALLET"

A young company, "Le Theatre d'Art du Ballet," dedicated to the tradition of romantic and classical ballet will be presented on Monday, October 16th at 8:15 p.m. in Page Auditorium under the auspices of the Student Union's Fine Arts Committee. Heading the celebrated French company of thirty-five, which includes an orchestra, will be Auna Galina, who has been called "the foremost interpreter of ballet in the romantic tradition."

The company has toured Europe, the Orient and comes now to the U. S. and Canada for its first tour following an extensive tour of South America.

Tickets, priced at \$1.50, \$2.00, and \$2.50 will be available Monday through Friday in 202-A Flowers Building during office hours; reservations may be made by calling extension 2911.

1961-1962 ALL-STAR ARTISTS SERIES

Season tickets priced at \$8.00, \$9.00, and \$10.00 are available in 202-A Flowers Building. A check payable to Duke University Artists Series should accompany orders and should be mailed to Box KM, Duke Station, Durham, North Carolina. Call 681-0111, extension 2911 for further information. The concerts will be held in Page Auditorium at 8:15 p.m. on the indicated dates. The 1961-'62 Series is as follows:

BAYANIHAN PHILIPPINE DANCE COMPANY
Thursday, November 30
THE ROBERT SHAW CHORALE AND ORCHESTRA
Thursday, February 1
LEON FLEISHER, PIANIST
Tuesday, February 20
PHILADELPHIA ORCHESTRA,
EUGENE ORMANDY CONDUCTING
Tuesday, January 9
ELISABETH SCHWARZKOPF, SOPRANO
Friday, March 9

ADVANCE NOTICE ORGAN RECITAL

The first organ recital for the academic year will be presented by Mildred L. Hendrix, University Organist, on Sunday, October 15th, at 4:00 p.m. in the University Chapel.

WEEK OF
Oct. 15-21, 1961

CALENDAR

WEEK OF
Oct. 15-21, 1961

OF
DUKE UNIVERSITY



Events of the Week

Sunday, October 15

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor Waldo Beach, the Divinity School. Sermon: "Curiosity and Reverence." Broadcast over Radio Station WDNC and WDNC-FM.

2:30 p.m. Concert Band presents Lawn Concert. Sarah P. Duke Memorial Gardens.

4:00 p.m. Organ Recital. University Chapel. Mildred L. Hendrix, University Organist.

Monday, October 16

3:00-4:30 p.m. Madrigal Singers Rehearsal. Room 208 Asbury Building.

4:15 p.m. Zoology Seminar. Room 113 Biology Building. Speaker: Dr. Norman Guttman.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

8:00 p.m. Graphic Arts Lecture. Allied Arts Building. Speaker: Professor Helen Thrush.

8:15 p.m. Student Union presents "Le Theatre d'Art du Ballet." Page Auditorium.

Tuesday, October 17

9:00-10:30 a.m. 11:00 a.m.-12:30 p.m. Secondary School Counsellors Conference. Engineering Auditorium.

10:10 a.m. Divinity School Chapel Service. York Chapel. The Reverend C. D. Bardlift, District Superintendent of the Durham District.

4:00 p.m. Mathematics Seminar. Room 114 Physics Building. Speaker: Professor John H. Roberts.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

6:30-7:30 p.m. Away Football Movie. Page Auditorium.

8:15 p.m. Mary Duke Biddle Music Foundation Lecture: Iain Hamilton, Composer. Music Room, East Duke Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

Wednesday, October 18

- 9:00-10:30 a.m. 11:00 a.m.-12:00 N. Secondary School Counsellors Conference. Room 208 Flowers Building.
- 10:10 a.m. Divinity School Chapel Service. York Chapel. Chaplain Howard C. Wilkinson.
- 11:00 a.m. Divinity School Student-Faculty Convocation. York Chapel. Professor Hugh Anderson, speaker.
- 4:15 p.m. Botany Seminar. Room 123 Science Building, East Campus. Speaker: Dr. Terry W. Johnson, Jr.
- 4:15 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. John Butler.
- 4:30 p.m. Joint Duke-U. N. C. Physics Colloquium. Room 114 Physics Building. Speaker: Dr. John McIntyre.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 p.m. Engineering College Faculty Meeting. Room 125, Engineering Building.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The League of Gentlemen," a crackling, witty British thriller with Jack Hawkins, Nigel Patrick, and Richard Attenborough. "Devilishly inventive and amusing!"—Crowther, *New York Times*.
- 7:30 p.m. National Defense Seminar. Room 302 West Library. Speaker: Dr. Robert H. Conery.

Thursday, October 19

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. S. T. Kimbrough, Jr.
- 12:45-2:15 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 3:00-5:00 p.m. Newcomer's Club Meeting. Mrs. Deryl Hart, 2324 Duke University Road.
- 4:00 p.m. Graduate Faculty Meeting. Room 208 Flowers Building.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

- 6:30 p.m. Slide Rule Lecture. Room 125 Engineering Building. Speaker: Professor John N. Maeduff.
- 7:30 p.m. International Law Society Lecture Series. Law School Courtroom. Speaker: Dr. Robert Tilman.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:00 p.m. Sigma Xi Meeting. Room 114 Physics Building. Speaker: Dr. George B. Barbour.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty Children will be admitted only when accompanied by their parents.

Friday, October 20

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Holy Communion. The Reverend Harman L. Smith, celebrant.
- 12:30 p.m. Moslem Students Association Meeting. Room 207-A Flowers Building.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.
- 8:15 p.m. Homecoming Show. Indoor Stadium.

Saturday, October 21

Homecoming Weekend

- 8:00 a.m. Medical College Admission Test. Room 114 Social Science.
- 2:00 p.m. Varsity Football: Duke versus Clemson College. Stadium.
- 4:00-6:00 p.m. Student Union Open House. Union Ballroom.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The League of Gentlemen," a crackling, witty British thriller with Jack Hawkins, Nigel Patrick, and Richard Attenborough. "Devilishly inventive and amusing!"—Crowther, *New York Times*.
- 9:00 p.m.-12:00 midn. Homecoming Dance. Card Gymnasium.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Doctor Waldo Beach, Professor of Christian Ethics, The Divinity School, will deliver the sermon at the University Service of Worship on Sunday, October 15th, at 11:00 a.m. in the University Chapel. His subject will be "Curiosity and Reverence." The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister.

Organ Prelude—Chorale in A minor *César Franck*

Call to Worship—"Sanctus" from Mass II *Hans Leo Hassler*

Hymn—"Joyful, Joyful, We Adore Thee" *Ludwig van Beethoven*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Let Thy Holy Presence" *P. Tschesnokoff*

Scripture—Exodus 3:1-6

Hymn—"God Is Love; His Mercy Brightens"

Adapted from a melody in Psalmodia

Sacra, Gotha, 1715

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Hallelujah Chorus" (from "Mount of Olives")

L. Beethoven

Response—The Doxology

Prayer of Dedication

Sermon—"Curiosity and Reverence"

Prayer

Benediction

The Sevenfold Amen

Stainer

The Chimes

Organ Postlude—Litanies

Jehan Alain

CONCERT BAND PRESENTS LAWN CONCERT

The Concert Band under the direction of Paul R. Bryan will give its first performance of the year on Sunday, October 15th, at 2:30 p.m. in the Sarah P. Duke Memorial Gardens. Featured soloist will be John Hanks, Tenor, of the music faculty. There is no admission charge; all persons are cordially invited to attend.

The program follows:

Marche "Cornfed" *arr. Bryan*

Welsh Rhapsody *Edward German*

Serenade for Band *Vincent Persichetti*

Humoreske

Nocturne

Capriccio

"Where're You Walk" *Handel*

Walter's Prize Song *Wagner*

John Hanks, Tenor

Italian Polka

arr. Rachmaninoff

"Greensleeves"

arr. Alfred Reed

"Procession of the Nobles"

Rimisky Korsakoff

March "Semper Fidelis"

Sonsa

ORGAN RECITAL

The first organ recital of the academic year will be presented by Mildred L. Hendrix, University Organist, on Sunday afternoon at four o'clock in the University Chapel. The public is cordially invited to attend.

The program is as follows:

Toccata in E minor *Pachelbel*

Two Chorale Preludes *Hanff*

Partita *Walther*

Prelude and Fugue in G minor *Buxtehude*

Adagio *Fioceo*

Flute Solo *Arne*

Prelude and Fugue in F minor *Bach*

Concerto in G *Handel*

Andante

The next organ recital will occur when Andre Marchal, renowned organist of the Cathedral of St. Eustache, Paris, will present two special events in the University Chapel. On Saturday, November 4th, at 2:00 p.m., Monsieur Marchal will give a lecture and master class in the chancel of the Chapel, and on Sunday, November 5th, at 4:00 p.m., he will present an organ recital. He will end this recital with an Improvisation on an original theme presented at that time by a member of the audience.

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION. Wednesday, 6:00 P.M., Worship, East Duke Chapel. Rides from West Campus and Hanes House at 5:50 P.M. Friday, 4:40 P.M., Seminar meets in Baptist Chaplain's office. All interested persons are invited. Reading **The Cocktail Party** by Eliot. Baptist students are reminded of the State Baptist Student Union Convention November 3 and 4. To register, call 489-0023 or leave your name in Chaplain's Office or with a council member.

LUTHERAN STUDENT ASSOCIATION: Sunday, 9:45 A.M., Sunday School in local Lutheran Churches; 6:30 P.M., L. S. A. meeting in Green Room of East Duke Building. Wednesday, 7:15 A.M., Holy Communion. Rides from East Campus at 7:00 A.M.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30-10:30 A.M., Study Seminar; 5:00-5:45 P.M., Snack Suppers (35¢ per plate); 6:00 P.M., Worship Service. Wednesday, 6:00 P.M., Service of Holy Communion.

PRESBYTERIAN (WESTMINSTER FELLOWSHIP): Sunday, 9:30 A.M., Campus Sunday School Class, 208 Flowers Building; 6:00 P.M. (sharp), Westminster Fellowship Vespers, The Ark, Speaker: Rev. Warren Carr, Pastor, Watts Street Baptist Church.

INTERDENOMINATIONAL STUDY GROUPS

An interdenominational series of study groups, led by members of the Religious Life Staff of the University and selected students, is currently being conducted. All students are invited to select one study group and to participate in it. They are as follows:

(1) Sunday, 9:30 A.M., and Wednesday, 7:00 P.M.—“Dialogue and Encounter Between the Christian Gospel and Contemporary Culture,” led by Chaplain Jack Carroll and Assistant Chaplain Arthur Holmes, the Methodist Student Center.

(2) Sunday, 9:30 A.M.—“Galatians,” led by Mr. Keith Snow, the Methodist Student Center.

(3) Sunday, 6:30 P.M.—bi-weekly—October 22, November 5, etc.—“The Noise of Solemn Assemblies,” led by Mr. Peter Berger.

(4) Wednesday, 7:30 P.M.—“The Freshman English Curriculum and the Christian World View,” led by Chaplain Charles E. Johnson, Jr., the Green Room, East Duke Building.

(5) Friday, 5:00 P.M.—“The Question of Christian Authority,” Mr. Robert Henderson, Leader, the Green Room, East Duke Building.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, October 16th, at 4:15 p.m. in Room 113 Biology Building. Dr. Norman Guttman, Department of Psychology, will speak on “Visual Learning in the Pigeon.” Coffee and tea will be served in Room 113 at 4:00 p.m.

GRAPHIC ARTS LECTURE

Because of the phenomenal growth of interest in making and collecting prints, the Durham Art Guild will sponsor a program on the “Graphic Arts,” Monday, October 16th, at 8:00 p.m. at the Allied Arts Building. The public is cordially invited free of charge.

Professor Helen Thrush, Acting Chairman of the Art Department, Woman's College in Greensboro, will be the speaker. An exhibit of woodcuts, etchings, and lithographs loaned from private collections will be on display.

STUDENT UNION PRESENTS “LE THEATRE D'ART DU BALLET”

A young company, “Le Theatre d'Art du Ballet,” dedicated to the tradition of romantic and classical ballet will be presented on Monday, October 16th at 8:15 p.m. in Page Auditorium under the auspices of the Student Union's Fine Arts Committee. Heading the celebrated French company of thirty-five, which includes an orchestra, will be Anna Galina, who has been called “the foremost interpreter of ballet in the romantic tradition.”

The company has toured Europe, the Orient and comes now to the U. S. and Canada for its first tour following an extensive tour of South America.

The program is as follows:

SIMPLE SYMPHONY (Neo-Classical Ballet), Music by Benjamin Britten, Choreography by William Dollar, Costumes by Harold Stevenson.

THE FOUNTAIN OF THE BLIND (after Pelleas and Melisande), Music by Gabriel Faure, Choreography by William Dollar, Scenery and Costumes by S. Leprie.

THE SPECTRE OF THE ROSE, Music by Weber (orchestration by Berlioz), Choreography by Michel Fokine, Decor and Costumes based on Leon Bakst.

CARNAVAL, Music by Robert Schumann, Choreography by Michel Fokine, Decors and Costumes based on Leon Bakst.

Tickets, priced at \$1.50, \$2.00, and \$2.50 will be available Monday at the Page Auditorium Box Office from 8:30 A.M. until curtain time; reservations may be made by calling Extension 2911.

MATHEMATICS SEMINAR

Professor John H. Roberts will be the speaker at the Mathematics Seminar on Tuesday, October 17th, at 4:00 p.m. in Room 114 Physics Building. Dr. Robert's topic will be “Connectivity Functions and Peripherally Continuous Functions.” Coffee will be served at 3:30 p.m. in Room 132 Physics Building.

MARY DUKE BIDDLE FOUNDATION LECTURE

The second of two lectures given by Iain Hamilton, British composer and Mary Duke Biddle Foundation Lecturer, will be presented on Tuesday, October 17th, at 8:15 p.m. in the Music Room of East Duke Building. The University Community and general public are cordially invited to attend. Mr. Hamilton's topic will be “Serial Techniques,” describing the uses of the serial techniques found in contemporary non-tonal music and discussing their inevitability as the basis of contemporary music.

SECONDARY SCHOOL COUNSELLORS CONFERENCE

Sixty-five secondary school officials will be guests of Duke University for a three-day conference beginning on Monday, October 16th, and continuing through Wednesday, October 18th. The purpose of the Conference is to acquaint this group with general matters concerning counseling for college and to inform them specifically about the educational program at Duke. The visiting counsellors represent areas from the entire United States.

Meetings open to the public are as follows:

Tuesday, October 17

9:00-10:30 a.m. "The Humanities and Science." Engineering Building. Panel: Professors Robert Durden, John Fein, Oliver Ferguson, Julia Mueller, George Williams. Presiding: Professor Robert Connery.

11:00 a.m.-12:30 p.m. "The Natural Sciences and Engineering." Engineering Auditorium. Panel: Professors H. S. Robert, Jr., Charles Vail, Pelham Wilder, Jr., Dean W. J. Seeley. Presiding: Professor Jane Philpott.

Wednesday, October 18

9:00-10:30 a.m. "Advising College Students." Room 208 Flowers Building. Panel: Dean Ellen Huckabee, presiding. Dean Howard Stroebel, Dr. Henry Weitz.

11:00 a.m.-12:00 N. "Admission and Financial Aid For College." Panel: Mrs. W. S. Persons, Mr. E. B. Weather-
spoon, Mr. Robert Thompson, Mr. W. L. Brinkley, Jr., presiding.

BOTANY SEMINAR

The Botanical Seminar will meet on Wednesday, October 18th, at 4:15 p.m. in Room 123 Science Building, East Campus. Speaking will be Dr. Terry W. Johnson, Jr., who has pioneered research on marine fungi and contributed extensively to the ecology and systematics of both marine and fresh-water fungi. He is a recent co-author with Dr. F. W. Sparrow of a two-volume work entitled **Fungi in Oceans and Estuaries**. Tea and coffee will be served at 4:00 p.m.

PSYCHOLOGY COLLOQUIUM

On Wednesday, October 18th, Dr. John Butler of the University of Chicago will speak on the topic "Self-Actualization, New Experience, and Psychotherapy." The group will meet in Room 209 Bivins at 4:15 p.m. Coffee will be served at 4:00 p.m.

JOINT DUKE-U. N. C. PHYSICS COLLOQUIUM

There will be a joint Duke-U. N. C. Physics Colloquium on Wednesday, October 18th, at 4:30 p.m. in Room 114 Physics Building. Dr. John McIntyre of Yale University will speak on "Nuclear Excitation by Heavy Ions."

NATIONAL DEFENSE SEMINAR

The Duke-U. N. C. National Defense Seminar will hold its first meeting of the academic year in Room 302 Library on Wednesday, October 18th, at 7:30 p.m. Dr. Robert H. Connery, Professor of Political Science, will present a paper on "Forrestal and the Navy."

GRADUATE FACULTY MEETING

The Graduate Faculty will meet Thursday, October 19th, at 4:00 p.m. in Room 208 Flowers Building.

NEWCOMER'S CLUB MEETING

The Duke Newcomer's Club will have a tea and business meeting on Thursday, October 19th, at the home of President and Mrs. Deryl Hart, 2324 Duke University Road, from 3:00 to 5:00 p.m. All newcomers are extended a cordial invitation to attend.

SLIDE RULE LECTURE

The fourth of the annual Slide Rule Lectures presented in the Engineering Auditorium will be heard on Thursday, October 19th, at 6:30 p.m. Professor J. N. Macduff will lecture on the use of the S, T, and ST scales, and combined operations using trigonometric and other scales. Since sample problems and examples will be studied, it is desirable that those attending bring slide rules. Sponsored jointly by Tau Beta Pi and The Order of Saint Patrick, the lectures are open to the public.

INTERNATIONAL LAW SOCIETY LECTURE SERIES

The Duke International Law Society is sponsoring a short lecture series for those interested in international legal relations. Speaking Thursday, October 19th, at 7:30 p.m. in the Law School Courtroom will be Professor Robert Tilman. His topic will be "The Commonwealth in the International Community."

1961 HOMECOMING SCHEDULE

Friday, October 20

- 9:00 a.m.-6:00 p.m.—Alumni Registration. Alumni Lounge, West Campus Union.
- 6:00-8:00 p.m.—Judging of Campus Displays, West Campus Dormitory Quadrangle. (It is suggested that visitors try to see the displays at this time.)
- 6:30-11:00 p.m.—Fraternity Open Houses.
- 8:15 p.m.—Homecoming Show and Pep Rally. Skits by Coeds, Music by the Duke Ambassadors, and Crowning of Homecoming Queen. Indoor Stadium.

Saturday, October 21

- 9:00 a.m.-6:00 p.m.—Alumni Registration. Alumni Lounge, West Campus Union.
- 9:00 a.m.-2:00 p.m.—Sorority Poster Displays. Myrtle Drive.
- 9:00 a.m.—Engineering Alumni Registration. College of Engineering. Laboratories open for inspection.
- 9:00 a.m.-12:00 noon—Forestry School Open House. Forestry School.
- 9:30 a.m.—Coffee Hour for Engineering Alumni and their wives and guests. Library, College of Engineering.
- 10:00-11:30 a.m.—Coffee Hour for School of Nursing Alumnae as guests of School of Nursing faculty. Hanes House.
- 10:00-11:00 a.m.—Coffee Hour for Woman's College Alumnae as guests of Woman's College Staff. East Duke Building.
- 10:30 a.m.—Engineering Alumni Business Session. Room 125, College of Engineering.
- 11:30 a.m.-1:00 p.m.—Alumni Barbecue. Indoor Stadium, West Campus. Class of 1952 and Classes of '55, '56, and '57 are making special arrangements to eat in tents just outside the building.
- 2:00 p.m.—Varsity Football Game. Duke vs. Clemson. Duke Stadium.
- 4:30 p.m.—Fraternity Open Houses.
- 4:30 p.m.—Law School Open House. Lounge, Law School Building.

9:00-12:00 p.m.—Homecoming Dance. Card Memorial Gymnasium, West Campus.

Sunday, October 22

11:00 a.m.—University Worship Service. The Reverend Professor Robert E. Cushman, Dean of the Divinity School, Preacher.

SIGMA XI MEETING

Sigma Xi will have a lecture meeting, open to the public, on Thursday, October 19th, at 8:00 p.m. in Room 114 Physics Building. Dr. George B. Barbous, Visiting Professor of Geology, will give an illustrated talk on "Digging for the Roots of the Family Tree."

MEDICAL COLLEGE ADMISSION TEST CORRECTION

The Medical College Admission Test, which will be administered on Saturday, October 21st, was previously scheduled for Room 125 Engineering Building. The test will be given in Room 114 Social Science Building at 8:00 a.m.

ADVANCE NOTICE INTERNATIONAL STUDENTS INVITATION

The Durham YWCA, 515 West Chapel Hill Street, extends a cordial invitation to the international students and their families to attend an informal coffee—dessert at the YWCA, Tuesday, October 24th, at 7:30 p.m., in observance of United Nations Week. For further information, call 681-2041.

WEEK OF
Oct. 22-28, 1961

CALENDAR

WEEK OF
Oct. 22-28, 1961

OF DUKE UNIVERSITY



Events of the Week

Sunday, October 22

- Denominational Meetings. See special notice.
10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.
11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor Robert E. Cushman, Dean of the Divinity School. Sermon: "What is Truth?" Broadcast over Station WDNC and WDNC-FM.

Monday, October 23

- 9:00 a.m. The final examination of Mr. James Michael Efrid for the Ph.D. degree in Religion. Room 304 Divinity School.
2:00-6:00 p.m. Deadline for submission of entries to S. U. Photography Contest. Room 207 Flowers Building.
2:45-4:15 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
8:15 p.m. Student Union Young Artists Series: "The Windsor Singers." Page Auditorium.

Tuesday, October 24

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Professor Richard A. Goodling.
2:00 p.m. The final examination of Mr. Glenn Jones for the Ph.D. degree in Chemistry. Room 303 Chemistry Building.

- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
7:30 p.m. International Students Invitation. Durham YWCA, 515 West Chapel Hill Street.
7:30 p.m. Zoology Seminar. Room 113 Biology Building. Speaker: Howard Moltz.

Wednesday, October 25

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Professor Richard A. Goodling.
4:00 p.m. Phi Beta Kappa Elections. Room 211 Divinity School.
4:15 p.m. Botany Seminar. Room 123 Science Building. Speaker: Dr. Paul Kramer.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
7:00 p.m. Chapel Choir Rehearsal. University Chapel.
7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Swan Lake" in Eastman Color and featuring the full company and orchestra of the famed Bolshoi Ballet Company to Tchaikovsky's music. "Incredible and dramatically powerful dancing—fascinating—stunning production—marvelous spirit!" Terry, Herald Tribune.
7:30 p.m. S. U. Bridge Club. Green Room, East Duke Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

Thursday, October 26

- 8:00 a.m.-5:00 p.m. China Display. Banquet Room, East Union Building.
- 10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Grover A. Zinn.
- 10:30 a.m. The final examination of Mr. Murad-Baba Murad Mohammad for the Ph.D. degree in Zoology. Room 216 Biology Building.
- 11:30 a.m. Civil Engineering Seminar. Civil Engineering Staff Room, Engineering Building. Speaker: Professor W. H. Gardner, Jr.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Ashbury Building.
- 3:00 p.m. Varsity Soccer: Duke versus N. C. State College. Soccer Field.
- 4:00 p.m. Undergraduate Faculty Council Meeting. Room 208 Flowers Building.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30 p.m. International Law Society Lecture Series. Law School Courtroom. Speaker: Professor Hans Gerhard.
- 8:15 p.m. Student Union Major Speakers Series: Dr. Henry A. Kissinger. Page Auditorium.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty Children will be admitted only when accompanied by their parents.

Friday, October 27

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Professor Richard A. Gooding and Mr. Elliotte Hancock.
- 12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.
- 12:50-1:40 p.m. Navy Day Review. Upper Drill Field, West Campus.
- 3:00 p.m. Freshman Football: Duke versus N. C. State College. Stadium.
- 3:30-5:30 p.m. Shoe 'n' Slipper Concert: Lionel Hampton and His Orchestra. Indoor Stadium.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.
- 8:00 p.m. Duke-U. N. C. Philosophy Colloquium. Faculty Lounge of Morehead Building, Chapel Hill, N. C. Speaker: Professor A. J. Ayer.
- 9:00 p.m.-1:00 a.m. Shoe 'n' Slipper Informal Dance. Indoor Stadium. Lionel Hampton and His Orchestra.

Saturday, October 28

- 1:30 p.m. Varsity Football: Duke versus N. C. State College. Raleigh, N. C.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Swan Lake" in Eastman Color and featuring the full company and orchestra of the famed Bolshoi Ballet Company to Tchaikovsky's music "Incredible and dra-

matically powerful dancing—fascinating—stunning production—marvelous spirit!" Terry, Herald Tribune.

8:00 p.m.-12:00 midn. S. U. Halloween Party. Union Ballroom.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor Robert E. Cushman, Dean of the Divinity School, will deliver the sermon at the University Service of Worship on Sunday, October 22nd, at 11:00 a.m. in the University Chapel. His subject will be "What is Truth?". The order of service follows:

The Reverend Professor James T. Cleland, Dean of the Chapel, Presiding Minister.

Preludes—Prelude, Fugue and Chaconne *Pachelbel*
Call to Worship—"Sanctus" from Mass II *Hans Leo Hassler*
Hymn—"For the Beauty of the Earth" *Conrad Kocher*
Prayer of Confession
Words of Assurance
The Lord's Prayer
Anthem—"Rejoice in the Lord Alway" *Henry Purcell*
Scripture—John 18:33-40
Hymn—"Immortal, Invisible, God Only Wise" *Van Denman Thompson*
Call to Prayer
The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication
The Offering
Offertory Organ Interlude
Anthem—"Lift Up Your Heads" *Thomas Williams*
Response—The Doxology
Prayer of Dedication
Sermon—"What Is Truth?"
Prayer
Benediction
The Sevenfold Amen *Stainer*
The Chimes
Organ Postlude—Toccata *Gigout*

DENOMINATIONAL MEETINGS

BAPTIST STUDENT UNION: Wednesday, 5:15

P.M., Supper Meeting in the East Campus Union Ballroom. Pick up trays and come to Ballroom. The speaker will be Dr. Tom McCullough of the undergraduate Department of Religion. Rides will leave West Campus and Hanes House at 5:05 P.M.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Holy Communion; 5:00 P.M., Party at the home of Dr. H. P. Sullivan. Rides from East Circle. Wednesday, 7:00 A.M., Holy Communion; 5:00 P.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., LSA, Green Room, East Duke Building, East Campus; 9:45 A.M., Sunday School at local Lutheran Churches. Wednesday, 7:15 and 8:00 A.M., Holy Communion, Memorial Chapel of Duke Chapel.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Study Seminars; 5:00 P.M., Snack Supper (35¢); 6:00 P.M., Worship; 7:00 P.M., Forum Hour, Dr. Harris Proctor, Department of Political Science. Wednesday: 6:00 P.M., Holy Communion. Friday-Sunday, Oct. 27-29, Model UN Assembly, Fairmont Methodist Church, Raleigh. (Contact Student Center for information.) The Rev. D. Moody Smith, Professor at the New Methodist Theological Seminary of Ohio, will be on campus October 29, 30, for conversation and interviews with interested students.

The schedule for his visit will be announced in next Sunday's bulletin.

PRESBYTERIAN (WESTMINSTER FELLOW-SHIP): Sunday, 9:30 A.M., 208 Flowers, Sunday School on Campus; 6:15 P.M., Westminster Fellowship, Vespers, The Ark, East Campus, "The Meaning of Community."

INTERDENOMINATIONAL STUDY GROUPS

An interdenominational series of study groups, led by the members of the Religious Life Staff of the University and selected students, is currently being conducted. All members are invited to select one study group and to participate in it. They are as follows

(1) Sunday, 9:30 A.M., and Wednesday, 7:00 P.M.—"Dialogue and Encounter Between the Christian Gospel and Contemporary Culture," led by Chaplain Jack Carroll and Assistant Chaplain Arthur Holmes, the Methodist Student Center. (New members of the group come Thursday rather than Wednesday. For details, call the Center.)

(2) Sunday, 9:30 A.M.—"Galatians," led by Mr. Keith Snow, The Methodist Student Center.

(3) Sunday, 6:30 P.M.—bi-weekly—October 22, November 5, etc.—"The Noise of Solemn Assemblies," by Mr. Peter Berger, led by Chaplain George Shuford, Green Room, East Duke Building.

(4) Wednesday, 7:30 P.M.—"The Freshman English Curriculum and the Christian World View," led by Chaplain Charles E. Johnson, Jr., the President's Room, beneath East Campus auditorium.

(5) Friday, 5:00 P.M.—"The Question of Christian Authority," Mr. Robert Henderson, Leader, the Green Room, East Duke Building.

(6) Friday, 4:40 P.M.—Seminar in office of Baptist Chaplain. Reading and discussion of Eliot's *The Cocktail Party*.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. James Michael Efrd for the Ph.D. degree in Religion will be held on Monday, October 23rd, at 9:00 a.m. in Room 304 Divinity School. The subject of Mr. Efrd's dissertation is "The Work of T. W. Manson as Critic and Interpreter of The New Testament." The committee to conduct the examination consists of Professors Hugh Anderson, James Price, William Stinespring, John Strugnell, and Robert Rogers. Professor Anderson will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Glenn Jones for the Ph.D. degree in Chemistry will be held on Tuesday, October 24th, at 2:00 p.m. in Room 303 Chemistry Building. The subject of Mr. Jones' dissertation is "Ortho Substitution Rearrangement versus Beta-Elimination of Certain Quaternary Ammonium Ion-Alcohols. Certain Related Reactions." The committee to conduct the examination consists of Professors C. R. Hauser, L. A. Bigelow, Pelham Wilder, Jr., J. H. Saylor, and H. Kamin. Professor Hauser will preside.

S. U. YOUNG ARTIST SERIES "THE WINDSOR SINGERS"

"The Windsor Singers" will be the first concert in the Student Union's **Young Artist Series** on Monday, October 23rd, at 8:15 p.m. in Page Auditorium. This series is open to the public without charge.

"The Windsor Singers," a trio of fine young artists, include Lilian Messina, soprano; Sophia Steffan, mezzo-soprano; and Richard Goodlake, baritone. The accompanist is Richard Foster. Many honors have come to these stars, both individually and as a group. Their varied program will cover a range of numbers from folk songs and German *lieder* to Broadway theater music and opera.

The program follows:

I		
The Farmer's Daughters (English Folk Song) arr. G. Williams		
II		
Von Ewiger Liebe		Brahms
Das Madchen Spricht		Brahms
Wie Froh und Frisch		Brahms
III		
La ci darem, from "Don Giovanni"		Mozart
IV		
Clair de Lune		Faure
Notre Amour		Faure
Hotel		Poulenc
Voyage a Paris		Poulenc
V		
Trio, from "Marriage of Figaro"		Mozart
INTERMISSION		
VI		
Legeres Hirondelles, from "Mignon"		Thomas
VII		
Cantores		Turina
Eres tu		Sandoval
Folk Songs		arr. Sandoval
Argentina		
Panama		
VIII		
Duet, from "Madame Butterfly"		Puccini
IX		
Non Piu Mesta, from "La Cenerentola"		Rossini
Avant de quitter ces lieux, from "Faust"		Gounod
So anch'io la virtu magica, from "Don Pasquale"		Donizetti
X		
And This Is My Beloved, from "Kismet"		Wright-Forrest

STUDENT UNION PHOTOGRAPHY CONTEST

The Fine Arts Committee of the Student Union issues an invitation to all undergraduate students, graduate students, faculty, and staff members to participate in a photographic competition to be on exhibit from October 26th to November 9th in the Alumni Lounge. Detailed information is available in Room 202-A Flowers Building. The deadline date for the submission of entries is Monday, October 23rd, at 6:00 p.m.

INTERNATIONAL STUDENTS INVITATION

The Durham YWCA, 515 West Chapel Hill Street, extends a cordial invitation to the international students and their families to attend an informal coffee—dessert at the YWCA, Tuesday, October 24th, at 7:30 p.m., in observance of United Nations Week. For further information, call 681-2041.

ZOOLOGY SEMINAR

The Zoology Seminar will be held on Tuesday, October 24th, at 7:30 p.m. in Room 113 Biology

Building. Speaking will be Howard Moltz, Psychology Department, Brooklyn College. His subject is "Imprinting: Epigenetic versus Nativistic Interpretations."

PHI BETA KAPPA FALL ELECTIONS

The fall meeting of the Duke Chapter of Phi Beta Kappa will be held on Wednesday, October 25th, at 4:00 p.m. in Room 211 Divinity School. Undergraduate elections will be the main business of this meeting. All staff and faculty members of the Society are eligible to vote. Those not already on the roll should notify the Secretary, Professor W. F. Stinespring, 105 Divinity School.

BOTANY SEMINAR

The Botanical Seminar will meet on Wednesday, October 25th, at 4:15 p.m. in Room 123 Science Building, East Campus. Tea and coffee will be served at 4:00 p.m. Dr. Paul J. Kramer, James B. Duke Professor of Botany, will speak. A world leader in research on water relations in plants, Dr. Kramer is the author of three books on the subject. He is the recipient of the Outstanding Achievement Award from the American Society of Foresters for the current year. On leave of absence last year with the National Science Foundation, he has recently returned from a trip to central Europe, where he visited a number of botanical laboratories.

CHINA DISPLAY

The Senior Class of the Woman's College will sponsor a display of fine china on Thursday, October 26th, from 8:00 a.m. to 5:00 p.m. The china will be shown in the Banquet Room of East Campus Union Building. The public is cordially invited to see the display.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Murad-Baba Murad Mohammad for the Ph.D. degree in Zoology will be held on Thursday, October 26th, at 10:30 a.m. in Room 216 Biology Building. The subject of Mr. Mohammad's dissertation is "Larval Distribution of Three Species of Balanomorpha in Relation to Some Chemico-Physical Factors." The committee to conduct the examination consists of Professors C. G. Bookhout, I. E. Gray, D. A. Livingstone, Knut Schmidt-Nielsen, and T. W. Johnson. Professor Bookhout will preside.

CIVIL ENGINEERING SEMINAR

A seminar on "The Use of the Digital Computer in Structural Analysis" will be given by Mr. W. H. Gardner, Jr. in the Staff Room of the Civil Engineering Department, Engineering Building, at 11:30 a.m. on Thursday, October 26th. Mr. Gardner, Associate Professor in the Department of Civil Engineering, obtained the Masters degree from Yale University and is currently working towards a Ph.D. degree at North Carolina State College. Professor Gardner also maintains a consulting engineer's office in Durham. All those interested are invited to attend.

NAVY DAY REVIEW

The annual Navy Day Review will be held on Friday, October 27th, from 12:50 p.m. to 1:40 p.m.

on the Upper Drill Field. Presentations of awards to the NROTC Unit will be made. The public is cordially invited to attend this function.

UNDERGRADUATE FACULTY COUNCIL MEETING

The Undergraduate Faculty Council will meet at 4:00 p.m. on Thursday, October 26th, in Room 208 Flowers Building.

INTERNATIONAL LAW SOCIETY LECTURE SERIES

The International Law Society is continuing its lecture series in international legal relations. On Thursday, October 26th, at 7:30 p.m. in the Law School Courtroom, Professor Hans Gerhard will speak on "Some Problems in International Economic Relations."

STUDENT UNION MAJOR SPEAKERS SERIES DR. HENRY A. KISSINGER

Dr. Henry A. Kissinger will initiate the 1961-62 Student Union Major Speakers Series when he addresses the University Community on "Problems in American Foreign Policy." Dr. Kissinger will speak at 8:15 p.m. on Thursday, October 26th, in Page Auditorium, and the public is extended a cordial invitation to attend this lecture without charge.

Dr. Kissinger, a special consultant to President Kennedy on weapons systems and a member of the Weapons System Evaluation Group of the Joint Chiefs of Staff, is also Director of Defense Studies at Harvard University. The recipient of many awards in the fields of government and politics and distinguished author, Dr. Kissinger's present views on the use of conventional or nuclear weapons are stated in his recent article, "Limited War: Conventional or Nuclear? A Reappraisal," mimeographed copies of which are available in Room 202-A Flowers Building.

DUKE-U.N.C. PHILOSOPHY COLLOQUIUM

The Duke-U.N.C. Philosophy Colloquium will be held on Friday, October 27th, at 8:00 p.m. in the Faculty Lounge, Morehead Building, Chapel Hill. Professor A. J. Ayer, New College, Oxford, will speak on "The Concept of a Person." All interested members of the University Community are cordially invited to attend.

NOTICE TO ARTISTS SERIES PATRONS

On or about November 1st, all tickets will be mailed to season ticket patrons of the Artists Series. If there have been any changes of address, notification should be made by calling 681-0111, Extension 2911, or by writing Box KM, Duke Station. Reservations for season tickets may be made in Room 202-A Flowers Building.

ADVANCE NOTICE FACULTY CLUB RECEPTION

The Faculty Club will honor President and Mrs. Deryl Hart at a reception to be held at the University House on Myrtle Drive, Sunday, October 29 from four until six o'clock. Special guests will be the Board of Trustees and their wives and Presidents of Alumni Organizations and their wives.

FACULTY BULLETIN

Vol. IV

October 18, 1961

No. 4

1. I regret to announce the word that our colleague, John Carlton, is resigning from our ranks to accept a position as Associate Professor of Preaching in the Southern Baptist Theological Seminary, Louisville, Kentucky. John will assume his duties at that institution beginning September, 1962. He will continue in his present relationship with us through the Spring Semester of the current year, his official duties terminating August 31, 1962. Some of you will know that this concludes thirteen years at Duke University for John. Seven years as B.D. and then as a doctoral student and six years as a member of the Divinity School faculty in the field of Preaching. Here his contribution has been characterized by excellence and by the warmth of his personality, which has won him the esteem of students and colleagues alike. I regret his departure from our midst, but am assured of a place of real leadership for him in his chosen field and in an outstanding seminary of his own denomination.
2. The faculty will kindly submit, at the earliest time, the proposed course offerings and proposed hours for the Spring Semester. Statements may be handed to Miss Kendall.
3. I should be pleased to receive from the faculty a statement of publications from September 1, 1960 to September 1, 1961, since the request for the same will shortly be coming from Allen Building.

Robert E. Cushman
Dean

WEEK OF
Oct. 29-Nov. 4, 1961

CALENDAR

WEEK OF
Oct. 29-Nov. 4, 1961

OF DUKE UNIVERSITY



Events of the Week

Sunday, October 29

Denominational Meetings. See special notice.

- 10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.
- 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Dr. Albert C. Outler, Professor of Theology, Perkins School of Theology, Southern Methodist University. Sermon: "Man Alive!" Broadcast over Station WDNC and WDNC-FM.
- 2:30 p.m. Student Union Music Hour. Room 208 Flowers Building. Speaker: Professor Loren Withers.
- 4:00-6:00 p.m. Faculty Club Reception. University House. Myrtle Drive.

Monday, October 30

- 2:45-4:15 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 3:00 p.m. Registration for The Christian Convocation and North Carolina Pastor's School. Information Desk, Flowers Building Lounge. (See special notice.)
- 4:15 p.m. Zoology Seminar. Room 113 Biology Building. Speaker: Paul A. Colinvaux.

- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:00 p.m. The James A. Gray Lecture: Dr. Albert C. Outler. Page Auditorium.
- 8:30 p.m. Convocation Sermon: Bishop John Wesley Lord. University Chapel.

Tuesday, October 31

- 11:00 a.m. Gray Lecture: Dr. A. C. Outler. Page Auditorium.
- 3:15 p.m. Nuclear Fallout Public Lecture. Page Auditorium. Speaker: Major Michael P. Dacquisto
- 4:00 p.m. Physics Building Speaker Prof. Leonard Carlitz. Subject: "FUNCTION in a Finite Field."
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 7:00 p.m. Gray Lecture: Dr. A. C. Outler. Page Auditorium.
- 8:30 p.m. Convocation Sermon: Bishop J. W. Lord. University Chapel.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

Wednesday, November 1

- 11:30 a.m. Gray Lecture: Dr. A. C. Outler. Page Auditorium.
- 2:30 p.m. The final examination of Mr. John Edgar Rives for the Ph.D. degree in Physics. Room 218 Physics Building.
- 4:00 p.m. Department of Chemistry Special Seminar. Room 01 Chemistry Building. Speaker: Dr. Vivian T. Stannett.
- 4:15 p.m. Botany Seminar. Room 123 Science Building. Speaker: Dr. Thomas M. Gallie.
- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Irving Sarnoff.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:30 p.m. Quadrangle Pictures. Page Auditorium. "General Della Rovere" with Vittorio de Sica. "One of the year's best."—Times, Herald Tribune, World Tel. & Sun, Time Mag. "Masterpiece"—The New Yorker. "Terrific . . . ranks with the best of Italian films."—Times.
- Note: This film will also play Wed. & Sat., Nov. 8 & 11.
- 7:30 p.m. Student Union Bridge Club. Green Room, East Duke Building.

Thursday, November 2

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Paul Gentry.
- 12:30 p.m. Plant Ecology Seminar. Room 116 Science Building. Speaker: David Scott.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:00 p.m. Chemistry Staff Seminar. Room 01 Chemistry Building. Speaker: Dr. Robert K. Nesbet.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:00 p.m. Kappa Delta Pi Initiation. Banquet Room, East Duke Building.
- 5:00-6:00 p.m. East Campus Pool open for women faculty staff members and students.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 8:15 p.m. Student Union Last Lecture Series: Professor Paul M. Gross. Union Ballroom.

- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty Children will be admitted only when accompanied by their parents.

Friday, November 3

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Jim Athearn.
- 4:00 p.m. Interdisciplinary Seminar. Room M 110 (Medical School). Speaker: Dr. Edward C. Beck.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.
- 8:15 p.m. Duke Players Performance: "Tiger at the Gates." Page Auditorium.

Saturday, November 4

- 1:30 p.m. Varsity Football: Duke versus University of Michigan. Ann Arbor, Michigan.
- 2:00 p.m. Duke Players Matinee: "Tiger at the Gates." Page Auditorium.
- 2:00 p.m. Lecture and Master Class: Monsieur André Marshal, Organist of the Cathedral of St. Eustache, Paris. University Chapel.
- 8:15 p.m. Chamber Arts Society: Quintetto Chigiano. Music Room, East Duke Building.
- 8:15 p.m. Duke Players Performance: "Tiger at the Gate." Page Auditorium.
- NOTE: No showing of Quadrangle Pictures on this day.

STUDENT UNION MUSIC HOUR LOREN WITHERS

The Student Union's Fine Arts Committee will initiate a series of Music Hours at 2:30 p.m. on Sunday, October 29th, in Room 208 Flowers Building. Professor Loren Withers of the Music Department will speak on "Changing Styles in Piano Music." The public is cordially invited to hear Mr. Withers.

FACULTY CLUB RECEPTION

The Faculty Club will honor President and Mrs. Deryl Hart at a reception to be held at the University House on Myrtle Drive, Sunday, October 29 from four until six o'clock. Special guests will be the Board of Trustees and their wives and Presidents of Alumni Organizations and their wives.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Albert C. Outler, Professor of Theology, Perkins School of Theology, Southern Methodist University, will deliver the sermon at the University Service of Worship on Sunday, October 29th, at 11:00 a.m. in the University Chapel. His subject will be "Man Alive!" The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister.

Preludes—Prelude and Fugue in F minor

Handel

Chorale Prelude

Bach

"I Call to Thee, Lord Jesus Christ"

Call to Worship—"Sanctus" from Mass II *Hans Leo Hassler*

Hymn—"Praise to the Lord"

From Praxis Pietatis Melica, 1668

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Magnificat"

Thomas Tallis

Scripture—John 10:1-16

Hymn—"Once to Every Man and Nation"

Welsh hymn melody

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"O, Clap Your Hands"

Vaughan Williams

Response—The Doxology

Prayer of Dedication

Sermon—"Man Alive!"

Prayer

Benediction

The Sevenfold Amen

Stainer

The Chimes

Postlude—Carillon

Vierne

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Wednesday, 6:00 P.M., General meeting in Ark on East Campus. **November 3-5**, North Carolina Baptist Student Union Convention in Raleigh. Featured speakers Dr. Sam Hill, Dr. Pope Duncan. All interested students are urged to register immediately by note to Box 4351 Duke Station or by contacting the Baptist Chaplain at 489-0023.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Holy Communion; 8:00 P.M., Eliot's "The Family Reunion." Monday, 8:00 P.M., T. S. Eliot's, "The Family Reunion," a dramatic reading. **Wednesday**, 7:00 A.M. and 5:00 P.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:00 P.M., Reformation "Banquet" at St. Paul's

Lutheran Church, 511 Vickers Ave., Durham. 444th year since 1517 theses by Martin Luther. Speaker: J. Schoneberg Setzer. **Wednesday**, 7:15 and 8:00 A.M., Holy Communion—Memorial Chapel of Duke Chapel. **Sunday, November 5**, N. C.-Tennessee Area Conference of L.S.A. at Holy Trinity Church, Chapel Hill in morning and afternoon. Evening—study of Berger on the American religious scene.

METHODIST STUDENT FELLOWSHIP: Sunday, 5:00 P.M. Snack supper (35¢); 6:00 P.M., Worship, The Rev. Moody Smith, preacher; 7:00 P.M., Forum Hour, Dr. Donald Gillan, leader: "Red China, Taiwan, and the U.N." **Wednesday**, 6:00 P.M., Holy Communion. The Rev. Moody Smith, professor of the new Methodist Theological Seminary of Ohio will be at the Methodist Center, Sunday, October 29, to talk with pre-theological students from 5:00-6:00 P.M. and after 8:00 P.M. All interested students are invited. Those desiring personal interviews may call the Center, 286-9230.

PRESBYTERIAN (WESTMINSTER FELLOWSHIP): Sunday, 9:30 A.M., Sunday School on Campus, 208 Flowers Bldg., West Campus; 6:15 P.M., Westminster Fellowship, Vespers, The Ark (East Campus). Speaker: Prof. Thomas Cordle, "The French Existentialists." Coffee and refreshments afterwards at Chaplain Charles Johnson's home, 1013 Demerius Street.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, October 30th, in Room 113 Biology Building at 4:15 p.m. Paul A. Colinvaux, Department of Zoology, will speak on "Limnological Expedition to Alaska." Coffee and tea will be served at 4:00 p.m.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. John Edgar Rives for the Ph.D. degree in Physics will be held on Wednesday, November 1st, at 2:30 p.m. in Room 218 Physics Building. The subject of Mr. Rives' dissertation is "Some Thermodynamic Properties of Liquid He³ Below 1.0° Absolute." The committee to conduct the examination consists of Professors Horst Meyer, Walter Gordy, Harold W. Lewis, Hertha Sponer, and J. M. Thomas. Professor Meyer will preside.

CHRISTIAN CONVOCATION NORTH CAROLINA PASTOR'S SCHOOL JAMES A. GRAY LECTURES

The Christian Convocation and North Carolina Pastors' School together with the James A. Gray Lectures will hold a series of meetings on the campus from Monday, October 30th, through Wednesday, November 1st. The James A. Gray lectures this year will be Dr. Albert C. Outler, Professor of Theology, Perkins School of Theology, Southern Methodist University. The Convocation Preacher is Bishop John Wesley Lord, who has been in charge of the Washington Area of The Methodist Church since 1960.

The schedule follows:

MONDAY, OCTOBER 30

- 3:00 p.m. Registration. Information Desk, Flowers Building Lounge.
- 5:15 p.m. Alumni Class Reunion Dinners. Classes of '37, '52, '55, '56, '57.
- Dean's Dinner for Speakers, Staff, and Board of Managers. Old Trinity Room.
- 7:00 p.m. The James A. Gray Lectures on *The Forging of the Wesleyan Theology*. Dr. Albert C. Outler. I. "The Theological Foundry." Page Auditorium.
- 8:30 p.m. Convocation Sermon. Bishop John Wesley Lord. "Edge of an Era." University Chapel.
- 9:30 p.m. Late Registration. Flowers Building Lounge. Reception for Alumni and Friends, Flowers Building Lounge.

TUESDAY, OCTOBER 31

- 9:00 a.m. Special Lectures on *Contributions of Psychology to the Work of Ministry*. Dr. Jesse H. Ziegler. I. "Trends in Personality Theory of Significance for the Minister." York Chapel.
- Special Lectures on *Early Methodist Worship: The Three Distinctive Services*. Dr. Frank Baker. I. "The Love-Feast." 208 Flowers Building.
- 10:10 a.m. Morning Chapel Service. Meditation, Dean Robert E. Cushman. Presiding, the Reverend O. Kelly Ingram.
- 11:00 a.m. Gray Lecture. Dr. Outler. II. "These Well-Meaning, Wrong-Headed Germans." Page Auditorium.
- 12:15 p.m. Alumni Association Luncheon. The Reverend A. C. Waggoner, President. Union Ballroom.
- 2:30 p.m. Lecture. Dr. Ziegler. II. "Adjusting Personality Theory to the God-Man Encounter." York Chapel.
- Lecture. Dr. Baker. II. "The Watch-Night." 208 Flowers Building.
- 7:00 p.m. Gray Lecture. Dr. Outler. III. "Predestination Calmly Considered." Page Auditorium.
- 8:30 p.m. Convocation Sermon. Bishop Lord. "Is Christ Divided?" University Chapel.

WEDNESDAY, NOVEMBER 1

- 9:00 a.m. Lecture. Dr. Ziegler. III. "Toward a Theory of Teaching-Learning Adequate for Ministry." York Chapel.

Lecture. Dr. Baker. III. "The Covenant Service." 208 Flowers Building.

- 10:15 a.m. Alumni Lecture. The Reverend Leon Russell. "Reflections after Thirty Years in the Ministry." Page Auditorium.
- 11:30 a.m. Gray Lecture. Dr. Outler. IV. "Holiness of Heart and Life." Page Auditorium.
- 12:45 p.m. Luncheon Meeting. Board of Managers of the North Carolina Pastors' School. Old Trinity Room.

NUCLEAR FALLOUT PUBLIC LECTURE

Major Michael P. Dacquisto, a leading authority on nuclear fallout, will deliver a public lecture in Page Auditorium on Tuesday, October 31st, at 3:15 p.m. He will speak on "Physical and Biological Aspects of Fallout" and will answer questions from the audience during a discussion period following the lecture.

Major Dacquisto is Director of the Division of Nuclear Medicine at the Walter Reed Army Institute of Research, Washington, D. C. This division is the largest single group doing biological radiation research in the Army Medical Service.

The Tuesday afternoon lecture will be sponsored by the Duke University Fallout Preparedness Committee, a campus-wide group formed recently to study the best ways to protect the University Community in the event of nuclear warfare. Dr. Barnes Woodhall, Duke Medical School Dean and Assistant Provost of the University, will discuss the purpose and activities of this committee in a brief address preceding Major Dacquisto's lecture.

DEPARTMENT OF CHEMISTRY SPECIAL SEMINARS

Dr. Anton Peterlin, Director of the Dreyfus Laboratory of the Research Triangle Institute, and Dr. Vivian T. Stannett, Associate Director of the Dreyfus Laboratory, will present a series of seminars in the Chemistry Department at two week intervals.

The second seminar of the initial series, "A Survey of Recent Developments in Polymerization Kinetics," will be given by Dr. Stannett; this meeting will be held in Room 01 Chemistry Building on Wednesday, November 1st, at 4:00 p.m. The subject of the second series, to be given by Dr. Peterlin, will be announced later. All are cordially invited to attend.

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, November 2nd, at 12:30 p.m. in Room 116 Science Building. Mr. David Scott will moderate a panel discussion on "The Numerical Approach and Laboratory Experimentation in Plant Ecology."

BOTANY SEMINAR

On Wednesday, November 1st, the Botany Seminar will meet at 4:15 p.m. in Room 123 Science Building, East Campus. Speaking will be Dr. Thomas M. Gallie, Assistant Professor of Mathematics and Director of the Computing Laboratory. Dr. Gallie, a native of New York City, received his undergraduate training at Harvard University, the A.M. degree at the University of Texas, and the Ph.D. degree at Rice Institute. Dr. Gallie came to Duke from the Humble Oil Company, where he was Research Engineer. His research interests have included numerical analysis and partial differential equations and, more recently, applications of computer methods and computer language.

PSYCHOLOGY COLLOQUIUM

The Psychology Colloquium will be held on Wednesday, November 1st, at 4:30 p.m. in Room 209 Bivins. Irvin Sarnoff, Western Reserve University, will speak on "The Experimental Evaluation of Psychoanalytic Hypotheses." Coffee will be served at 4:00 p.m.

CHEMISTRY STAFF SEMINAR

Professor Robert K. Nesbet from Boston University will speak at the Chemistry Staff Seminar on Thursday, November 2nd, in Room 01 of the Chemistry Building at 4:00 p.m.

The subject of Professor Nesbet's address will be "A Molecular Model of the Heisenberg Exchange Interaction."

All interested persons are invited.

KAPPA DELTA PI INITIATION

An autumn initiation of candidates into Kappa Delta Pi, education honorary, will be held at 5:00 p.m., Thursday, November 2nd, in the Banquet Room of the East Union Building. Following the initiation, members will go through the cafeteria line and return to the Banquet Room. Dr. E. C. Bolmeier, Acting Chairman of the Department of Education, will be the speaker.

STUDENT UNION LAST LECTURE SERIES

The Educational Affairs Committee of the Student Union will continue the series of "Last Lectures" by University professors with a talk by Dr. Paul M.

Gross, William Howell Pegram Professor of Chemistry, on Thursday, November 2nd, in the Union Ballroom. This series, initiated last year to give students an opportunity to hear various professors express their views and observations on their respective disciplines, will feature this year Dr. Gross and Dr. Thomas Caudle of the Romance Language Department. A social period will follow the lecture, and the committee extends an invitation to all interested members of the University Community.

INTERDISCIPLINARY SEMINAR

The Departments of Anatomy, Physiology, and Psychology announce the lecture of Dr. Edward C. Beck to be given Friday, November 3rd, in Room M 110 (Medical School) at 4:00 p.m. Dr. Beck's topic is "Brain Waves and Behavior: The Electrophysiological Jungle."

DUKE PLAYERS PRESENT "TIGER AT THE GATES"

The first major performance by the Duke Players will be "Tiger at the Gates" to be presented in Page Auditorium on Friday and Saturday evenings, November 3rd and 4th at 8:15 p.m. A matinee performance will be given on Saturday afternoon, November 4th, at 2:00 p.m. The play is being directed by Victor Michalak, Assistant Director of the Duke Players, who also designed the set. The greatest of anti-war plays, "Tiger at the Gates" pleads for level heads and calm discussion to avert war, but it does it with high comedy and brilliant dialogue. The original French version by Giraudoux is translated for the English speaking stage by Christopher Fry and is particularly pertinent to the times though in a setting of ancient Troy.

Tickets for the evening performances are reserved and are priced at \$1.25. The matinee will cost \$1.00. Season tickets priced at \$2.50 for the three major performances, will also be available at the Page Box Office. Tickets will be on sale from 2:00-5:00 p.m. Monday through Thursday and from 2:00 p.m. until curtain time on Friday and from 1:00 p.m. on Saturday.

STUDENT UNION PHOTOGRAPHY CONTEST—EXHIBIT

An exhibit of student and faculty photography may be seen in the Alumni Lounge for the next ten days. The contest—exhibit is another function of the Student Union's Fine Arts Committee.

CHAMBER ARTS SOCIETY QUINTETTO CHIGIANO

The Chamber Arts Society announces the second concert of its season, to be played by the Quintetto Chigiano from Siena, Italy, on Saturday, November 4th, in the Music Room, East Duke Building, at 8:15 p.m. The musicians are Riccardo Brengola and Arnaldo Apostoli (Violins), Harry Zaratzian (Viola), Lino Filippini (Cello), and Sergio Lorenzi (Piano). The program follows:

Quiutet, Opus 57	Shostakovich
Prelude	
Fugue	
Scherzo	
Intermezzo	
Finale	
Sonata a cinque	G. F. Malipiero
Quintet in E flat major, Opus 44	Schumann
Allegro brillante	
In modo d'una marcia: Un poco largamente	
Scherzo: Molto vivace	
Allegro ma non troppo	

Other chamber music concerts scheduled this season include:

December 9	Pasquier Trio
January 20	Hungarian Quartet
February 17	Duo Doktor-Menuhin (Viola-Piano)
April 14	New York String Sextet

Admission to concerts is by Membership Card or Guest Card. No more Membership Cards are available for the current season. Guest Card for single admission to any one concert will cost \$2.50. About sixty Guest Cards will be available for each concert; they may be obtained at the door of the Music Room from 7:30 to 8:00 p.m. on concert evenings. Information as to the Society, Programs, etc., may be obtained by writing to Chamber Arts Society, c/o Ernest W. Nelson, Box 6055, College Station, Durham, North Carolina.

ALLIED ARTS CRAFT FAIR

The attention of members of the University Community is called to the Allied Arts Craft Fair to be staged this year at the newly renovated Durham Civic Center, November 8th-11th. The Craft Fair which is now in its fourth year has been greatly expanded to include craftsmen throughout North Carolina and parts of Virginia, Tennessee, Kentucky and South

Carolina. Working with Allied Arts to promote the Craft Fair as a major attraction in the Piedmont area are the Durham Merchants Association, the Chamber of Commerce, the Junior Chamber of Commerce, the Junior League, the Durham Woman's Club, the Durham Council of Garden Clubs, and the Durham Home Demonstration Clubs.

Among the interesting features which can be seen are demonstrations of weaving, pottery making, jewelry making, copper enameling, silk-screening, wood carving, rug hooking, puppet making, glass blowing, and many others. Entertainment from 4:00 to 5:00 each afternoon and 8:00 to 9:00 each evening will feature folk-songs, square dancing, a puppet show and an unusual cooking fair under the capable direction of Peggy Mann, WTVD's Woman's Editor.

The Allied Arts Craft Fair will be open to the general public during the following hours:

Wednesday, November 8th	2:00-9:00 p.m.
Thursday, November 9th	10:00 a.m.- 9:00 p.m.
Friday, November 10th	10:00 a.m.- 9:00 p.m.
Saturday, November 11th	10:00 a.m.-12:00 p.m.

Admission charges for adults will be fifty cents, for children twenty-five cents.

ADVANCE NOTICE CAMPUS CLUB LUNCHEON

Any member of the Campus Club who has not purchased a ticket for the luncheon is reminded to do so before November 3. Please mail check to Mrs. Dana Ripley, 2724 Erwin Road. The luncheon will be held on Wednesday, November 8th, 12:30 p.m., at the Hope Valley Country Club. Should further information be desired, call 286-5537 during the afternoon or evening.

ADVANCE NOTICE GUEST ORGAN RECITAL

On Sunday afternoon, November 5th, at 4:00 p.m., André Marchal, world famous organist of the Cathedral of Saint-Eustache, Paris, will present a recital in the University Chapel. Monsieur Marchal will also conduct a lecture and master class in the chancel of the Chapel on Saturday, November 4th, at 2:00 p.m. The public is cordially invited to both of these outstanding events. There will be no admission charge.

WEEK OF
Nov. 5-11, 1961

CALENDAR

WEEK OF
Nov. 5-11, 1961

OF

DUKE UNIVERSITY



Events of the Week

Sunday, November 5

Denominational Meetings. See special Notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur. University Chapel.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor Hugh Anderson, Associate Professor of Biblical Theology, The Divinity School. Sermon: "A Wistful Generation." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Guest Organ Recital: Monsieur André Marchal. University Chapel.

Monday, November 6

2:45-4:15 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:15 p.m. Zoology Seminar. Room 113 Biology Building. Speaker: Dr. Wilhelm Rodhe.

5:00-6:00 p.m. East Campus Pool open for Women; faculty, staff members and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

6:00 p.m. Trinity College Historical Society Meeting. Men's Graduate Center. Speaker: Dr. John Stewart Reid.

8:00 p.m. Erasmus Club Meeting. Green Room, East Duke Building. Speaker: Professor Richard B. Grant.

Tuesday, November 7

10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Professor Thomas A. Langford.

2:00 p.m. The final examination of Mr. Kenneth J. Smith for the Ph.D. degree in Chemistry. Room 220 Chemistry Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00 p.m. Gerontology Seminar. Room 208 Flowers Building. Speaker: Dr. Benjamin T. Burton.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.

6:30-7:30 p.m. Student Union Away Football Movie (Mich. game). Page Auditorium.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

Wednesday, November 8

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Professor Thomas A. Langford.
- 11:00 a.m. Divinity School Student Assembly. York Chapel. Speaker: Reverend Milton H. Robinson.
- 12:30 p.m. Campus Club Luncheon. Hope Valley Country Club. Guest Speaker: Helen Bevington.
- 2:00 p.m. The final examination of Mr. Robert Jan Lontz for the Ph.D. degree in Physics. Room 218 Physics Building.
- 4:15 p.m. Botany Seminar. Room 123 Science Building, East Campus. Speaker: Dr. Dean Parker.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.
- 5:30 p.m. Cabot Society Meeting. Private Dining Room, Men's Graduate Center. Speaker: Reverend John Brenning.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:25 p.m. Quadrangle Pictures. Page Auditorium. "General Della Rovere" with Vittorio de Sica. "One of the year's best"—Times, Herald Tribune, World Tel. & Sun, Time Mag. "Masterpiece"—The New Yorker. "Terrific . . . ranks with the best of Italian films."—Times.
- 7:30-10:00 p.m. Student Union Bridge Club. Green Room, East Duke Building.

Thursday, November 9

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Mr. Albert Sikkelee.
- 11:30 a.m. Civil Engineering Seminar. Civil Engineering Staff Room, Engineering Building. Speaker: Mr. Charles Howard Kahn.
- 12:30 p.m. Plant Ecology Seminar. Room 116 Science Building. Speaker: Mr. George H. LaRoi.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 2:30 p.m. The final examination of Mr. Robert James Olness for the Ph.D. degree in Physics. Room 218 Physics Building.

- 4:15-6:00 p.m. Duke Marching Band practice. Coombs Field.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30 p.m. International Law Society Lecture Series. Law School Courtroom. Speaker: Professor Seymour Wurfel, Law School, University of North Carolina.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Student Union Major Attraction: "The Weavers." Indoor Stadium.

Friday, November 10

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Professor Thomas A. Langford.
- 12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.
- 2:30-10:00 p.m. N. C. Chapter of the National Association of Teachers of Singing. Music Room, East Duke Building.
- 3:00 p.m. Varsity soccer: Duke versus Lynchburg. Freshman Field.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.
- 9:00 p.m.-1:00 a.m. Co-ed Ball. Elks Club.

Saturday, November 11

- 2:00 p.m. Varsity Football: Duke versus U. S. Naval Academy. Norfolk, Virginia.
- 7:00 and 9:25 p.m. Quadrangle Pictures. Page Auditorium. "General Della Rovere" with Vittorio de Sica. "One of the year's best."—Times, Herald Tribune, World Tel. & Sun, Time Mag. "Masterpiece"—The New Yorker. "Terrific . . . ranks with the best of Italian films."—Times.
- 7:30 p.m. International Club Costume Party. Methodist Student Center.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Hugh Anderson, Associate Professor of Biblical Theology, The Divinity School, will deliver the sermon at the University Service of Worship on Sunday, November 5th, at 11:00 a.m. in the University Chapel. His subject will be "A Wistful Generation." The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister.
 Organ Preludes—Fantasia in G *Bach*
 Chorale-Prelude: "Alle Menschen Mussen Sterben" *Bach*
 Call to Worship—"Sanctus" from Mass II *Hans Leo Hassler*
 Hymn—"All Creatures of Our God and King" *Melody from Geistliche Kirchengesang, 1623*
 Prayer of Confession
 Words of Assurance
 The Lord's Prayer
 Anthem—"Great Is Our Lord" *Heinrich Schutz*
 Scripture—John 12: 23-36
 Hymn—"When By Fear My Heart Is Daunted" *Melody from Samuel Webbe's Antiphons, 1792*
 Call to Prayer
 The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication
 The Offering
 Offertory Organ Interlude
 Anthem—"Wir eilen mit schwachen, doch emsigen Schritten" *Bach*
 Response—The Doxology
 Prayer of Dedication
 Sermon—"A Wistful Generation"
 Prayer
 Benediction
 The Sevenfold Amen *Stainer*
 The Chimes
 Organ Postlude—Allegro from Concerto I *Bach*

DENOMINATIONAL ANNOUNCEMENTS

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Holy Communion; 6:30 P.M., Evensong. Wednesday, 7:10 A.M. and 5:00 P.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: Sunday, N. C.-Tenn. area L.S.A. at Holy Trinity Lutheran Church, Chapel Hill. Afternoon: Dr. Stuart Henry—"America's Protestant Heritage" with discussion. Wednesday, 7:15 A.M. and 8:00 A.M., Holy Communion, Memorial Chapel of Duke Chapel.

METHODIST STUDENT FELLOWSHIP: Sunday, 6:00 P.M., Worship and congregational supper (50¢ per plate). Wednesday, 6:00 P.M., Holy Communion. **Washington Seminar:** The Methodist Center will sponsor a seminar to Washington on the topic, "The United States' Responsibility to the United Nations." The date will be Thanksgiving weekend (November 24-26); among the seminar speakers will be the New York Times correspondent, James Reston. Because of the nature of the seminar, the group must be limited to ten to fifteen students. Those interested see John Cole or Art Holmes.

PRESBYTERIAN (WESTMINSTER FELLOWSHIP): Synod Retreat at Camp New Hope.

GUEST ORGAN RECITAL

On Sunday, November 5th, at 4:00 p.m., André Marchal, world famous organist of the Cathedral of Saint-Eustache, Paris, will present a recital in the University Chapel. Monsieur Marchal, considered by music critics as "one of the supreme musicians of our day," will also conduct a lecture and master class in the chancel of the Chapel on Saturday, November 4th, at 2:00 p.m. The public is cordially invited to both of these outstanding events. There will be no admission charge.

The program follows:

Symphonie	N. LeBeque
Fantaisie	L. Couperin
Dialogue sur les Grands Jeux, third verse of the Agnus Dei, from the Mass for Parish Use	F. Couperin le Grand
Piece in E minor	A. Calviere
Quatre versets sur l'hymne Ave Maris Stella	
Pleinchant en taille—Fuge a 4 -Duo-	N. de Grigny
Dialogue sur les Grands Jeux	
Prelude and Fugue in B minor	J. S. Bach
Chorale No. 1 in E major	C. Franck
Communions pour l'Office de la Pentecote from L'Orgue Mystique	C. Tournemire
Acclamations (from the text of the Carolingian Acclamations) from the suite Medievale dedicated to André Marchal	J. Langlaid
Improvisation on Original Themes	(To be supplied by the audience.)

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, November 6th, Room 113 Biology Building at 4:15 p.m. Dr. Wilhelm Rodhe, Director of Limnological Institute, Uppsala, Sweden, will speak on "Primary Production in Clear Mountain Lakes." Dr. Rodhe is well known for his studies of the mineral requirements of planktonic algae and for his studies of nannoplankton, particularly in ice-covered lakes. Recently he has turned his attention to the measurement of primary production and has made the world's most thorough and illuminating study of it. Preceding the seminar, coffee and tea will be served at 4:00 p.m.

TRINITY COLLEGE HISTORICAL SOCIETY MEETING

On Monday, November 6th, the Trinity College Historical Society will have its first fall dinner meeting in the private dining room of the Men's Graduate Center at 6:00 p.m. Speaking will be Dr. John Stewart Reid, Visiting Professor of History. Formerly Professor of History and Chairman of the History Department, University of Manitoba, Dr. Reid is presently Executive Secretary of the Canadian Association of University Teachers. His topic will be "New Currents in Canadian Politics."

ERASMUS CLUB MEETING

The Erasmus Club will meet at 8:00 p.m. on Monday, November 6th, in the Green Room, East Duke Building. Speaking will be Professor Richard B. Grant, Department of Romance Languages, who will discuss "Benjamin Constant Revisited." A cordial welcome is extended to old and new members and their guests.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Kenneth J. Smith for the Ph.D. degree in Chemistry will be held on Tuesday, November 7th, at 2:00 p.m. in Room 220 Chemistry Building. The subject of Mr. Smith's dissertation is "Some Aspects of Crystalline High Polymers." The committee to conduct the examination consists of Professors William Krigbaum, Douglas G. Hill, Howard A. Strobel, Charles R. Hauser, and Walter Gordy. Professor Krigbaum will preside.

GERONTOLOGY SEMINAR

The Council on Gerontology and the North Carolina Council on Food and Nutrition will hold an open seminar on Tuesday, November 7th, at 5:00 p.m. in Room 208 Flowers Building. Dr. Benjamin T. Burton, Nutritionist and Special Assistant to the Director, National Institute of Arthritis and Metabolic Diseases, National Institutes of Health, will speak on "Human Nutrition and Aging." All interested persons are cordially invited to attend.

STUDENT ASSEMBLY

The Reverend Milton H. Robinson (B.D., Duke '48), Methodist missionary to the Aymara Indians on the Altiplano of Bolivia, will speak in York Chapel on Wednesday, November 8th, at 11:00 a.m. He will describe his experiences in two contrasting lands of decision, Bolivia and Argentina.

CAMPUS CLUB LUNCHEON

The Campus Club will hold its annual luncheon on Wednesday, November 8th, at 12:30 p.m. at the Hope Valley Country Club. The guest speaker will be Helen Bevington, well-known poet and member of the English Department. In private life she is Mrs. Merle M. Bevington. She has chosen the topic, "When Found, Make a Note Of."

Host departments include West Campus Administration, the Alumni Office and Public Relations, with Mrs. Charles E. Jordan serving as general chairman.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Robert Jan Lontz for the Ph.D. degree in Physics will be held on Wednesday, November 8th, at 2:00 p.m. in Room 218 Physics Building. The subject of Mr. Lontz' dissertation is "Hyperfine Interaction in Electron Spin Resonance of Free Radicals." The committee to conduct the examination consists of Professors Walter Gordy, Hertha Sponer, Horst Meyer, Henry W. Newson, and L. Carlitz. Professor Gordy will preside.

BOTANY SEMINAR

The Botanical Seminar will meet on Wednesday, November 8th, at 4:15 p.m. in Room 123 Science Building, East Campus. Tea and coffee will be served at 4:00 p.m. Dr. Dean Parker, Program Director for Genetic Biology, National Science Foundation, will speak. A native of Texas, Dr. Parker received his undergraduate training and the Ph.D. degree from the University of Texas. He has taught at Texas Technological College, the University of Mississippi, and is currently on leave from the University of California, where he is Professor of Biology and Chairman of the Division of Life Sciences. He has made significant contributions to the field of radiation genetics, including research in induced crossing over, meiotic chromosome breakage, and comparisons of different ionizing radiations.

CABOT SOCIETY MEETING

Cabot Society will meet on Wednesday, November 8th, at 5:30 p.m. Speaking will be Reverend John Breunig on "A Catholic View of Medical Ethics." Mr. Breunig is Chaplain to the Newman Clubs of both the University of North Carolina and North Carolina State College. He formerly was Chaplain to the Newman Club of Duke University. Cabot Society is open to all students of the Medical School and the School of Nursing. Those who wish to attend will go through the Men's Graduate Center cafeteria line and bring their trays to the private dining room at 5:30 p.m.

CIVIL ENGINEERING SEMINAR

A seminar on "A New Concept in Shell Structures" will be given by Mr. Charles Howard Kahn, Associate Professor in Architecture, North Carolina State College, in the Civil Engineering Staff Room, Engineering Building, on Thursday, November 9th, at 11:30 a.m. Professor Kahn obtained his A.B. degree in mathematics from the University of North Carolina. He holds a B. CE from North Carolina State College and a Master's degree in Structural Design from the Massachusetts Institute of Technology. From North Carolina State College Professor Kahn obtained a B. Arch. He visited Italy as a Fulbright Exchange Scholar in 1957 and France this year on a Henry Adams Fund Research Grant. All interested persons are invited to attend.

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, November 9th, at 12:30 p.m. in Room 116 Science Building. Mr. George H. La Roi will speak on "The North American Vegetational Survey: An Obligation to Natural History." The speaker will attempt to answer the question: Can our dwindling natural vegetation survive long enough to be described using our current anarchistic approaches?

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Robert Jabes Olness for the Ph.D. degree in Physics will be held on Thursday, November 9th, at 2:30 p.m. in Room 218 Physics Building. The subject of Mr. Olness' dissertation is "Polarization of Elastically Scattered Neutrons." The committee to conduct the examination consists of Professors Harold Lewis, R. M. Williamson, Henry W. Newson, Hertha Sponer, and J. J. Gergen. Professor Lewis will preside.

INTERNATIONAL LAW SOCIETY LECTURE SERIES

The International Law Society is continuing its lecture series in international legal relations on Thursday, November 9, at 7:30 p.m. in the Law School Courtroom. Professor Seymour Wurfel of the U. N. C. Law School will speak on "Current Developments in Military International Law." Interested members of the community are extended a cordial invitation to attend this series.

STUDENT UNION MAJOR ATTRACTION "THE WEAVERS"

The second of the season's major attractions brought to the campus by the Student Union will be "The Weavers," well-known folk singers. The four members of the group are Lee Hays, Fred Hellerman, Ronnie Gilbert, and Erik Darling. Their recordings are extremely popular for their excellent arrangements and interpretations, typical of the Weavers' spontaneity. All tickets are general admission at \$1.00. The performance is to be given Thursday, November 9th, at 8.15 p.m. in the Indoor Stadium. Tickets may be purchased on campus and at the door.

INTERNATIONAL CLUB COSTUME PARTY

The International Club is giving a Costume Party on Saturday, November 11th, at 7:30 p.m. in the Methodist Student Center, Oregon Street. All members of the University Community are cordially invited. A combo will provide music; admission is 50¢ for members and 75¢ for non-members.

University Official Examination Schedule Fall Semester, 1961-62

ANY STUDENT HAVING A SCHEDULE OF THREE EXAMS WITHIN TWENTY-FOUR HOURS OR TWO EXAMS AT THE SAME TIME MUST REPORT TO THE DEAN'S OFFICE *NOT LATER THAN DECEMBER 18* TO REQUEST A CHANGE IN SCHEDULE.

Saturday

January 13 2:00- 5:00 p.m. PHYSICAL EDUCATION

Monday

January 15 Undergraduate Reading Period

Tuesday 9:00-12:00 a.m. MWF, FOURTH PERIOD

January 16 2:00- 5:00 p.m. All Language 1 &
Engineering 1.1-1.4

Wednesday 9:00-12:00 a.m. MWF, THIRD PERIOD

January 17 2:00- 5:00 p.m. Philosophy 48, 49 &
Engineering 1.5-1.8
7:00-10:00 p.m. Chemistry 1

Thursday 9:00-12:00 a.m. MWF, SECOND PERIOD

January 18 2:00- 5:00 p.m. Physics 1, 41
7:00-10:00 p.m. Botany 1

Friday 9:00-12:00 a.m. MWF, FIRST PERIOD

January 19 2:00- 5:00 p.m. MWF, FIFTH PERIOD & Naval
Science

Saturday 9:00-12:00 a.m. MWF, SIXTH PERIOD

January 20 2:00- 5:00 p.m. English 1 and 2

Monday 9:00-12:00 a.m. TTS, THIRD PERIOD

January 22 2:00- 5:00 p.m. Math 17, 21 and 22

Tuesday 9:00-12:00 a.m. TTS, SECOND PERIOD

January 23 2:00- 5:00 p.m. Math 11 and 63

Wednesday 9:00-12:00 a.m. TTS, FIRST PERIOD

January 24 2:00- 5:00 p.m. French 63 and Spanish 63
7:00-10:00 p.m. Air Science

Thursday 9:00-12:00 a.m. TTS, FOURTH PERIOD

January 25 2:00- 5:00 p.m. Political Science 11, 61
7:00-10:00 p.m. Religion 1, 1X

Friday 9:00-12:00 a.m. TT, SIXTH PERIOD

January 26 2:00- 5:00 p.m. History 1, 1X and 5

ENGINEERING COURSES, OTHER THAN ENGINEERING 1, WILL MEET FOR EXAMINATION AT THE REGULAR CLASS PERIODS.

Chemistry (except Chemistry 1) and Zoology classes meet for examination at the time scheduled for their general lecture period. ANY EXAMINATION NOT COVERED IN THE FOREGOING SCHEDULE IS TO BE ARRANGED BY THE INSTRUCTOR IN CHARGE OF THE COURSE IN THE PERIOD BEGINNING January 16, 9:00 a.m. AND ENDING January 26, 5:00 p.m. NO EXAMINATION IS TO BE GIVEN BEFORE 9:00 a.m., January 16, WITH THE EXCEPTION OF PHYSICAL EDUCATION. NO CHANGE IS TO BE MADE IN ANY SCHEDULED EXAMINATION WITHOUT THE APPROVAL OF THE COMMITTEE.

University Schedule Committee

NATIONAL ASSOCIATION OF TEACHERS OF SINGING MEETING

The North Carolina Chapter of the National Association of Teachers of Singing will hold its annual meeting on Friday, November 10th, from 2:30 to 10:00 p.m. in the Music Room, East Duke Building. The Department of Music is host to this event. On schedule are panels on voice classification and placement; concerts by Afrika Hayes, soprano, North Carolina College of Durham; Joel Carter, bass, University of North Carolina; and the Duke Madrigal Singers, Eugenia Saville, Director. The interested public is invited to attend all panels and concerts. Details may be had by calling John Hanks, Department of Music.

ADVANCE NOTICE—FOUNDER'S DAY

George V. Allen, currently President of the Tobacco Institute, Incorporated, will speak at the University's thirty-seventh observance of Founder's Day on Monday, December 11th. Allen, a former high-rauking diplomat and until recently Director of the United States Information Agency, is an alumnus of Duke who earlier this year was named to the University's Board of Trustees. He served as Assistant Secretary of State under both former Presidents Eisenhower and Truman. Earlier he had served as Ambassador to Yugoslavia, India, Iran, and Nepal. The subject of his address has not been announced. Founder's Day exercises are traditionally held at 10:20 a.m. in Page Auditorium.

UNDERGRADUATE FACULTY COUNCIL MEETING CANCELLATION

The Undergraduate Faculty Council Meeting scheduled for Thursday, November 9th, 1961, will not be held. The next meeting will be on Thursday, November 16th.

ALLIED ARTS CRAFT FAIR

The attention of members of the University Community is called to the Allied Arts Craft Fair to be staged this year at the newly renovated Durham Civic

Center, November 8th-11th. The Craft Fair which is now in its fourth year has been greatly expanded to include craftsmen throughout North Carolina and parts of Virginia, Tennessee, Kentucky and South Carolina. Working with Allied Arts to promote the Craft Fair as a major attraction in the Piedmont area are the Durham Merchants Association, the Chamber of Commerce, the Junior Chamber of Commerce, the Junior League, the Durham Woman's Club, the Durham Council of Garden Clubs, and the Durham Home Demonstration Clubs.

Among the interesting features which can be seen are demonstrations of weaving, pottery making, jewelry making, copper enameling, silk-screening, wood carving, rug hooking, puppet making, glass blowing, and many others. Entertainment from 4:00 to 5:00 each afternoon and 8:00 to 9:00 each evening will feature folk-songs, square dancing, a puppet show and an unusual cooking fair under the capable direction of Peggy Mann, WTVD's Woman's Editor.

The Allied Arts Craft Fair will be open to the general public during the following hours:

Wednesday, November 8th	2:00 p.m.- 9:00 p.m.
Thursday, November 9th	10:00 a.m.- 9:00 p.m.
Friday, November 10th	10:00 a.m.- 9:00 p.m.
Saturday, November 11th	10:00 a.m.-12:00 p.m.

Admission charges for adults will be fifty cents, for children twenty-five cents.

AVAILABILITY OF ARTISTS SERIES SEASON TICKETS

A limited number of \$8.00 and \$9.00 season tickets are available for the 1961-62 Artists Series. The program is as follows:

Bayanihan Philippine Dance Company	Thursday, November 30
Philadelphia Orchestra	Tuesday, January 9
The Robert Shaw Chorale and Orchestra	Thursday, February 1
Leon Fleisher, Pianist	Tuesday, February 20
Elisabeth Schwarzkopf, Soprano	Friday, March 9

Reservations may be made by calling Extension 2911 or by writing Box KM, Duke Station.

Tickets to the individual concerts will be put on sale November 15.

WEEK OF
Nov. 12-18, 1961

CALENDAR

WEEK OF
Nov. 12-18, 1961

OF

DUKE UNIVERSITY



Events of the Week

Sunday, November 12

Denominational Meetings. See special Notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "Speaking the Truth in Love." Broadcast over Radio Station WDNC and WDNC-FM.

2:00 p.m. Student Union Opera Hour. Flowers Building Music Lounge. Speaker: Mrs. Julia Mueller. Opera: "Don Giovanni."

Monday, November 13

2:45-4:15 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:15 p.m. Zoology Seminar. Room 113 Biology Building. Speaker: A. M. Christensen.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

6:00 p.m. U.R.C. Dinner and Lecture. Men's Graduate Center. Speaker: Dr. Paul Gross.

8:00 p.m. Shakespeare Reading. Music Room, East Duke Building.

Tuesday, November 14

10:10 a.m. Divinity School Chapel Service. York Chapel. Professor Creighton Lacy.

4:00 p.m. Mathematics Seminar. Room 114 Physics Building. Speaker: Professor Hans Reiter.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.

6:30 p.m. Student Union Away Football Movie (Duke versus Navy). Page Auditorium.

6:45 p.m. Christian Science Organization Meeting. Testimony Meeting. Chapel Room, East Duke Building.

Wednesday, November 15

10:10 a.m. Divinity School Chapel Service. York Chapel. Professor Creighton Lacy.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A, Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 11:00 a.m. Divinity School Assembly. York Chapel. Professor Robert F. Winch.
- 4:00 p.m. Department of Chemistry Special Seminar. Room 01 Chemistry Building. Speaker: Dr. Vivian T. Stannett.
- 4:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 114 Physics Building. Speaker: Dr. Alexander G. Smith.
- 4:15 p.m. Botany Departmental Seminar. Room 123, Science Building, East Campus. Speaker: Dr. Dan A. Livingstone.
- 4:30 p.m. Psychology Colloquium. Room 208 Bivins Building. Speaker: Dr. Jerome Kagan.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:05 p.m. Quadrangle Pictures. Page Auditorium. "Black Orpheus" filmed in Argentina in Eastman color and based on the classic legend of Orpheus and Eurydice. Winner of the Grand Prize, Cannes Film Festival. "An amazing creation! Most impressive film thus far." Time Magazine. "One of 10 best pictures of year!"—Times, Daily News, Her. Trib., World Tel.
- 7:30 p.m. Student Union Bridge Club. Green Room, East Duke Building.

Thursday, November 16

- 10:00 a.m.-12:00 m. Newcomers Club Meeting. University House, 2138 Myrtle Drive. Speaker: Dr. Marcus Hobbs.
- 10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Harry Sellers.
- 11:30 a.m. Civil Engineering Seminar. Civil Engineering Staff Room, Engineering Building. Speaker: Professor W. H. Gardner, Jr.
- 12:30 p.m. Plant Ecology Seminar. Room 116 Science Building. Speaker: Mr. Richard W. Rhoades.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:00 p.m. The Undergraduate Faculty Council Meeting. Room 208 Flowers Building.
- 4:15-6:00 p.m. Duke Marching Band practice. Coombs Field.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30 p.m. International Law Society Lecture. Law School Courtroom. Speaker: Professor Hans Baade.

- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:00 p.m. International Club Meeting. Music Room, East Duke Building.
- 8:00 p.m.-12:00 midnight B.O.S.-Sandals Dance. Card Gymnasium.
- 8:15 p.m. Duke Symphony Orchestra Concert. Page Auditorium.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:30 p.m. Philosophy Club Meeting. Green Room, East Duke Building. Speaker: Dr. N. L. Wilson.

Friday, November 17

- 9:00 a.m. TKA Debate Tournament. Flowers Building.
- 10:10 a.m. Divinity School Chapel Service. York Chapel. Professor Creighton Lacy and Mr. Harry Sellers.
- 12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.
- 8:15 p.m. Duke Symphony Orchestra Concert. Page Auditorium.

Saturday, November 18

- 2:00 p.m. Varsity Football: Duke versus University of North Carolina. Stadium.
- 4:00-6:00 p.m. Student Union Open House. Union Ballroom.
- 7:00 and 9:05 p.m. Quadrangle Pictures. Page Auditorium. "Black Orpheus" filmed in Argentina in Eastman color and based on the classic legend of Orpheus and Eurydice. Winner of the Grand Prize, Cannes Film Festival. "An amazing creation! Most impressive film thus far." Time Magazine. "One of 10 best pictures of year!"—Times, Daily News, Her. Trib., World Tel.
- 8:00 p.m. International Costume Club Party. Methodist Student Center.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor James T. Cleland, Dean of the Chapel, will deliver the sermon at the University Service of Worship on Sunday, November 12th, at 11:00 a.m. in the University Chapel. His subject will be "Speaking the Truth in Love." The order of service follows:

Organ Preludes—Toccata	<i>Muffat</i>
Two Chorale-Preludes	<i>Willan</i>
Call to Worship—"Sanctus" from Mass II	<i>Hans Leo Hassler</i>
Hymn—"Spirit of God, Descend Upon My Heart"	
Prayer of Confession	
Words of Assurance	
The Lord's Prayer	
Anthem—"Alleluja"	<i>Johann Bach</i>
Scripture—Ephesians 4:1-7, 11-16	
Hymn—"Spirit of God, Descend Upon My Heart"	<i>Frederick C. Atkinson</i>
Call to Worship	
The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication.	
The Offering	
Offertory Organ Interlude	
Anthem—"He Trusted in God that He Would Deliver Him"	<i>George Handel</i>
Response—The Doxology	
Prayer of Dedication	
Sermon—"Speaking the Truth in Love"	
Prayer	
Benediction	
The Sevenfold Amen	<i>Stainer</i>
The Chimes	
Organ Postlude—"Credo in Unum Deum"	<i>Bach</i>

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 6:30 P.M., Watts Street Baptist Church. Dr W. A. White will speak on "Estrangement, Guilt and Anxiety in the Work of Tennessee Williams." **Wednesday, 6:00 P.M.,** General meeting in the Ark on East Campus. **Friday, 4:40 P.M.,** Seminar in Chaplain's office. International Students are reminded of the International Student Retreat to be held in Williamsburg, Va., Nov. 23-26. If you have not sent your registration please do so as early as possible. If you are interested in attending but failed to receive information, call 489-0023 for Chaplain Stines.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Holy Communion; 6:30 P.M., Dr. William Bush, "Mystery and Image." **Wednesday, 7:10 A.M.,** Holy Communion; 3:15 P.M., Dr. Carrither's Seminar; 5:00 P.M., Holy Communion. **Tuesday, 3:15 P.M.,** Dr. Bush's Seminar.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Chaplain Howard Wilkinson will speak on, "The Gospel and World Peace," Green Room, East Duke Building, East Campus. **Wednesday, 7:15 and 8:00 A.M.,** Holy Communion, Memorial Chapel of Duke Chapel.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Study Seminar; 5:00 P.M., Snack Supper (35¢); 6:00 P.M., Worship, Art Holmes, preacher; 7:00 P.M., Forum Hour, "Disarmament," Dr. Harris Proctor, Department of Political Science, speaker. **Wednesday, 6:00 P.M.,** Holy Communion. **Washington Seminar:** The Methodist Center will sponsor a seminar to Washington on the topic, "The United States' Responsibility to the United Nations." The date will be Thanksgiving weekend (November 24-26); among the seminar speakers will be the New York Times correspondent, James Reston. Because of the nature of the seminar, the group must be limited to ten to fifteen students. Those interested see John Cole or Art Holmes.

PRESBYTERIAN (WESTMINSTER FELLOWSHIP): Sunday, 9:30 A.M., Sunday School on Campus, 208 Flowers Building, West Campus; 6:00 P.M., Westminster Vespers, The Ark, East Campus (6:00 P.M. sharp), Dr. Joseph Riddle of the University English Department will speak on, "Myth, Order, and Self: Spiritual Flections."

UNITARIAN STUDENT FELLOWSHIP: Sunday, 7:30 P.M., 208 Bivins Building, Dr. Gelolo McHugh will speak.

STUDENT UNION OPERA HOUR

The Student Union Opera Hour will be held on Sunday, November 12th, at 2:00 P.M. in the Music Lounge of Flowers Building and will feature "Don Giovanni" with Mrs. Julia Mueller of the Music Department conducting the session. The meeting is open to all interested persons.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, November 13th, at 4:15 p.m. in Room 113 Biology Building. A.M. Christensen, Marine Biological Laboratory, Copenhagen University, Helsingør, Denmark, will speak on "Aspects of Prey-Predator Relationships in Marine Communities." Coffee and tea will be served in Room 113 at 4:00 p.m. preceding the seminar.

U.R.C. LECTURE

Dr. Paul M. Gross, William Howell Pegram Professor of Chemistry, will present a lecture followed by a discussion on the topic, "The Image of Man in Recent Literature of the Natural Sciences," on Monday, November 13th, at 6:00 p.m. in the Men's Graduate Center. Graduate students and any other interested persons are cordially invited to attend this discussion which is sponsored by the University Religious Council. Please bring your tray and come to the private dining room designated on the bulletin board outside the M.G.C. cafeteria.

SHAKESPEARE READING

English 123 (Shakespeare) will present a reading of RICHARD II on Monday, November 13th, at 8:00 p.m. in the Music Room, East Duke Building. Faculty and students will participate. The public is invited.

MATHEMATICS SEMINAR

Professor Hans Reiter will be the speaker at the Mathematics Seminar on Tuesday, November 14th, at 4:00 p.m. in Room 114 Physics Building. Professor Reiter's topic will be "A Survey of Some Results in Harmonic Analysis." Coffee will be served at 3:30 p.m. in Room 132 Physics Building.

DIVINITY SCHOOL ASSEMBLY

On Wednesday, November 15th, at 11:00 a.m. in York Chapel, Dr. Robert F. Winch of the Department of Sociology at Northwestern University will lecture on "Functions and Roles in the Modern Family."

Professor Winch has written three books on the Family and another is in the press. He has been chosen as the main speaker at the Duke Divinity School Seminars in South Carolina and North Carolina during the present academic year.

DEPARTMENT OF CHEMISTRY SPECIAL SEMINAR

The next meeting of the Special Seminars given by Dr. Vivian T. Stannett will be entitled "A Survey of Recent Developments in Polymerization Kinetics," Part III. It will be held in Room 01 of the Chemistry Building at 4:00 p.m. Wednesday, November 15th. Interested persons are cordially invited to attend.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The joint Duke-U.N.C. Physics Colloquium will meet on Wednesday, November 15th, at 4:00 p.m. in Room 114 Physics Building. The speaker will be Dr. Alexander G. Smith of the University of Florida. The topic will be "Radio Spectrum of Jupiter."

BOTANY DEPARTMENTAL SEMINAR

The Botanical Seminar will meet on Wednesday, November 15th, at 4:15 p.m. in Room 123 Science Building, East Campus. Tea and coffee will be served at 4:00 p.m. Dr. Dan A. Livingstone of the Zoology Department will be the speaker. A native of Michigan, Dr. Livingstone did his undergraduate work at Dalhousie University and received the Ph.D. degree from Yale. He carried out postdoctoral studies at Cambridge and was on the faculty of the University of Maryland before he joined the staff at Duke. He is noted for his research in palynology, paleolimnology and Pleistocene geology. His contributions on the chemistry of lakes and rivers, on aquatic biology and on the morphology of lakes have placed him in the front ranks of these inter-disciplinary fields.

PSYCHOLOGY COLLOQUIUM

There will be a Psychology Colloquium on Wednesday, November 15th, at 4:30 p.m. in Room 209 Bivins Building. Dr. Jerome Kagan of Harvard University will speak on "Continuity and Discontinuity in Personality Development." Coffee will be served at 4:00 p.m.

DUKE NEWCOMERS CLUB MEETING

The Duke Newcomers Club will meet for a morning coffee at the University House, 2138 Myrtle Drive on Thursday, November 16th, from 10:00 a.m. until noon. Dr. Marcus Hobbs, Dean of the University, will speak to the group at 10:30 a.m. Assisting the Newcomers hostesses will be Mrs. E. H. Hopkins and Mrs. Gifford Davis.

CIVIL ENGINEERING SEMINAR

A seminar on "The Use of the Digital Computer in Structural Analysis" will be given by Mr. W. H. Gardner, Jr. in the Staff Room of the Civil Engineering Department, Engineering Building, at 11:30 a.m. on Thursday, November 16th. This seminar is a continuation of the previous one given on October 26th by Professor Gardner.

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, November 16th, at 12:30 p.m. in Room 116 Science Building. Mr. Richard W. Rhoades will speak on "The Distribution of White Spruce in New Hampshire."

UNDERGRADUATE FACULTY COUNCIL MEETING

The Undergraduate Faculty Council will meet at 4:00 p.m. on Thursday, November 16th in Room 208 Flowers Building.

INTERNATIONAL LAW SOCIETY LECTURE

The International Law Society is continuing its lecture series in international legal relations. On Thursday, November 16th, at 7:30 p.m. in the Law School Courtroom, Professor Hans Baade will speak on "Some Legal Aspects of the Berlin Problem."

INTERNATIONAL CLUB MEETING

An informal symposium on "Latin America, The Continent of Revolutions" will comprise the program for the International Club at their meeting on Thursday, November 16th at 8:00 p.m. in the Music Room of East Duke Building. Panelists will include Hebert Perez, Enrique Goday, and Ricardo Lagos. Interested members of the University Community are invited to attend.

PHILOSOPHY CLUB MEETING

The Philosophy Club will meet on Thursday, November 16th at 8:30 p.m. in the Green Room, East Duke Building with Dr. N. L. Wilson of the Philosophy Department as speaker. Dr. Wilson will discuss the topic "Philosophical Fads and the Undergraduate."

SOUTHERN TKA DEBATE TOURNAMENT

The Duke Debate Council will be host to the tournament of the Southern area of Tau Kappa Alpha, national debate honorary society, on Friday and Saturday, November 17th and 18th in Flowers Building. The events of the tournament will include extemporaneous speaking at 9:00 a.m. and 4:30 p.m. Friday, and rounds of debate at 10:00 a.m., 1:30 p.m., and 3:00 p.m. on Friday, and 9:00 and 10:30 a.m. on Saturday. Interested spectators will be welcomed at all

the events. Room assignments may be learned at the Flowers Information Desk.

All TKA members, faculty, and student are invited to attend the banquet at 6:30 p.m. on Friday in the Union Ballroom. Tickets at \$2.50 can be reserved by calling Virginia Parrot in Brown House. The dinner will be followed by initiation and installation ceremonies.

DUKE SYMPHONY ORCHESTRA CONCERT

The Department of Music is pleased to present the Duke Symphony Orchestra in its fall concert on Thursday evening, November 16th at 8:15 p.m. in Page Auditorium. The eighty-five members open their fifteenth season under the direction of Professor Allan H. Bone with the following program:

Overtura Breve	<i>Louis Mennini</i>
Symphony No. 1, op. 68	<i>Brahms</i>

Intermission

Concerto Grosso in D major, opus 6, No. 5	<i>Handel</i>
Concertino Players	

Julia Mueller and Roberta Heaton, Violinists
Frances Baker, 'Cellist

Polovetsian Dances from "Prince Igor" *Borodin*

Admission at the door is \$1.00. Children through age 14 admitted without charge.

AFRICAN SCULPTURE EXHIBIT WOMAN'S COLLEGE LIBRARY

The Woman's College is sponsoring an exhibit of African Sculptures from the Segy Gallery in New York, November 11th-December 4th in the Lobby of The Woman's College Library, East Campus. The Collection consists of thirty objects representing the outstanding art-producing tribes of West Africa. This exhibit is open to the public during Library hours.

AEC SPECIAL FELLOWSHIPS

Graduates in biology, chemistry, engineering, and physics are invited to apply for U. S. Atomic Energy Commission Special Fellowships in Health Physics. Stipend is \$2500 for twelve months, and tuition, fees, and allowances are provided. Fellowship appointees perform nine months' academic work at one of eight selected universities, followed by three months' field work at an AEC national laboratory. Further information and application materials are available from the Health Physics Fellowship Office, Oak Ridge Institute of Nuclear Studies, P. O. Box 117, Oak Ridge, Tennessee. Deadline for filing is February 1, 1962.

UNITED FUND APPEAL

Durham's 1961 United Fund campaign, which supports 34 agencies in the fields of health, welfare and recreation, is now in full swing. Through the years, this has been one of the strongest ties between town and gown here. However, reports show that only between 50 and 60 per cent of the Duke employees and faculty members participate. You are urged to consider this request carefully and to return your completed pledge card as soon as possible.

Admiral Ralph Earle, Chairman,
Duke University
Dr. William P. J. Peete, Chairman,
Duke University Medical Center

ADVANCE NOTICE S.U. YOUNG ARTISTS SERIES "INDRANI AND COMPANY"

A rare treat is in store for the University Community when Indrani and Her Company of Indian Dancers and Musicians, all of soloist rank, present "Temple Rhythms of India" at 8:15 p.m. on Tuesday, November 21st in Page Auditorium. Indrani, mistress of more types of classical Indian dance than American audiences have ever seen, is brought to the United States by the Asia Society Performing Arts Program as part of its cultural exchange program.

Preceding the performance at 7:00 p.m. Dr. Robert Crane of the History Department will conduct a seminar on "Indian Dance as a Representation of Indian Culture" in Room 208 Flowers Building. Both events

are open to the public without charge and are part of the student union's **Young Artists Series**.

ADVANCE NOTICE REFORM JEWISH CONGREGATION

A Reform Jewish Congregation, the first to serve the Durham and Chapel Hill communities, has been formed. The Congregation will hold its first public meeting on Sunday, November 19th, at 8:00 p.m., at 720 West Main Street, Durham. Representatives of the newly-formed local Congregation and of the Union of American Hebrew Congregations will explain the plans for the active functioning of the new group. All those interested are cordially invited to attend. For further information, call Dr. Allan P. Siudler (489-4153) or Richard Bernson (489-9483).

AVAILABILITY OF ARTISTS SERIES SEASON TICKETS

A limited number of \$8.00 and \$9.00 season tickets are available for the 1961-62 Artists Series. The program is as follows:

Bayanihan Philippine Dance Company	Thursday, November 30
Philadelphia Orchestra	Tuesday, January 9
The Robert Shaw Chorale and Orchestra	Thursday, February 1
Leon Fleisher, Pianist	Tuesday, February 20
Elisabeth Schwarzkopf, Soprano	Friday, March 9

Reservations may be made by calling Extension 2911 or by writing Box KM, Duke Station.

Tickets to the individual concerts will be put on sale November 15th.

WEEK OF
Nov. 19-25, 1961

CALENDAR

WEEK OF
Nov. 19-25, 1961

OF

DUKE UNIVERSITY



Events of the Week

Sunday, November 19

Denominational Meetings. See special Notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Sermon: "Sin in Thanksgiving." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Organ Recital. University Chapel. Senior Student Organist: Elender Gray Dennis.

8:00 p.m. Reform Jewish Congregation Meeting. 720 West Main Street.

Monday, November 20

2:45-4:15 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Dr. Robert Boord.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

7:30-10:15 p.m. Student Union Short Course Series: Dr. J. B. Rhine. Room 204 East Duke Building.

Tuesday, November 21

10:10 a.m. Divinity School Chapel Service. York Chapel. Professor Hans Hillerbrand.

11:30 a.m. Engineering College Faculty Meeting. Room 125 Engineering Building.

4:00 p.m. Mathematics Seminar. Room 114 Physics Building. Speaker: Dr. John Ernest.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.

6:45 p.m. Christian Science Organization Meeting: Thanksgiving Service. Chapel, East Duke Building.

7:00 p.m. Student Union Seminar: Dr. Robert L. Crane. Room 208 Flowers Building.

8:15 p.m. Student Union Artists Series: Indrani and Company. Page Auditorium.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Telephone 2911.

Wednesday, November 22

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Professor Hans Hillerbrand.
12:30 p.m. Thanksgiving recess begins.

Thursday, November 23

- 2:00 p.m. Freshman Football Game: Duke versus University of North Carolina. Duke Stadium. Benefit: North Carolina Cerebral Palsy Foundation. Admission: \$1.00 per person.
5:30 p.m. Students Thanksgiving Dinner. Gilbert-Addoms Dining Hall.

Friday, November 24

- 12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.
2:00 p.m. Physical Therapy Symposium. Room M 110 Medical School. Speaker: Miss Katherine Wells.
5:30-6:15 p.m. Student Buffet Dinner. Gilbert-Addoms Dining Hall.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Howard C. Wilkinson, Chaplain to the University, will deliver the sermon at the University Service of Worship on Sunday, November 19th, at 11:00 a.m. in the University Chapel. His subject will be "Sin in Thanksgiving." The order of service follows:

The Reverend Professor James T. Cleland, Dean of the Chapel, Presiding Minister.

Preludes—Toccata and Fugue in D minor

Bach

Chromatic Fugue

Pachelbel

Call to Worship—"Sanctus" from Mass II *Hans Leo Hassler*

Hymn—"For the Beauty of the Earth"

Conrad Kocher

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"And the Glory of the Lord"

(from The Messiah)

Handel

Scripture—Luke 18:9-14

Hymn—"O for a Thousand Tongues to Sing"

Carl G. Gläser

Call to Worship

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Lift Up Your Heads O Ye Gates"

(from The Messiah)

Handel

Response—The Doxology

Prayer of Dedication

Sermon—"Sin in Thanksgiving"

Prayer

Benediction

The Sevenfold Amen

Stainer

The Chimes

Postlude—"Now Thank We All Our God"

Karg-Elert

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday 6:30 P.M., Watts Street Baptist Church, "Discussion of Concepts of Guilt and Sinfulness." **Wednesday,** The time for the general meeting on East Campus has been changed to 6:15. Rides leave West Campus at 6:05. **Friday,** 4:40 P.M., Seminar in Chaplain's office. **Wednesday, November 29,** Supper meeting with Dr. Robert Seymour speaking.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Holy Communion at the Episcopal Center; 6:00 P.M., Supper—cost, 35¢—at the Center. **Wednesday, 7:10 A.M.,** Holy Communion; 5:00 P.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M. Green Room, East Duke Building, East Campus, Chaplain Shuford will lead continuing study of American church scene, based on Peter Berger's **Noise of Solemn Assemblies.** **Wednesday, 7:15 A.M.** and 8:00 A.M., Memorial Chapel of Duke Chapel, Holy Communion.

METHODIST CENTER: Sunday, 9:30 A.M., Study Seminars; 6:00 P.M., Worship. **Wednesday,** The Sacrament of Holy Communion will not be celebrated this week. **Washington Seminar—November 24-26.** The Wesley Players will give three performances of Beckett's "Krapp's Last Tape" and Ionesco's "The Lesson" on Sunday, November 19, at 7:30 P.M., and Monday and Tuesday, November 20, 21, at 8:00 P.M., at the Methodist Center on Oregon Street. Admission is one dollar.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 9:30 A.M., 208 Flowers Building, Sunday School Class on Campus; Meet at 5:00 P.M. at East Campus circle and Chapel steps to go to Chapel Hill to meet jointly with Westminster Fellowship of the University of North Carolina. We will be their guests for supper at the Presbyterian Student Center in Chapel Hill.

UNITARIAN FELLOWSHIP: Sunday, 7:30 P.M. at the home of Prof. and Mrs. Edgar Thompson, 138

Pinecrest Road, Dr. Waldo Beach will speak on, "Community and Society," rides from both Duke campuses at 7:15. Watch for notices of Christmas program on December 3rd when Dr. Sidney Freeman of Charlotte Unitarian Church will conduct services.

ORGAN RECITAL

An organ recital will be presented on Sunday afternoon, November 19th, at 4:00 o'clock in the University Chapel by Elender Gray Dennis, senior organ student of Mildred L. Hendrix. The public is cordially invited to attend.

The program follows:

Deusieme Concerto, in B flat	Georg Friedrich Handel (1685-1759)
Fantasia and Fugue in C minor	Johann Sebastian Bach (1685-1750)
Sonata No. 1	Paul Hindemith (1895-)
Three Chorale Preludes	Ernst Pepping (1901-)
Litanies	Jehan Alain (1911-1940)

On Sunday afternoon, December 3rd, at 4 o'clock, "The Messiah" by Georg Friedrich Handel will be presented by the Chapel Choir with Professor Paul Young, director, and Mildred L. Hendrix, organist. The public is cordially invited to attend.

REFORM JEWISH CONGREGATION MEETING

A Reform Jewish Congregation, the first to serve the Durham and Chapel Hill communities, has been formed. The Congregation will hold its first public meeting on Sunday, November 19th, at 8:00 p.m., at 720 West Main Street, Durham. Representatives of the newly-formed local Congregation and of the Union of American Hebrew Congregations will explain the plans for the active functioning of the new group. All those interested are cordially invited to attend. For further information, call Dr. Allan P. Sindler (489-4153) or Richard Bernson (489-9483).

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, November 20th, in Room 113 Biology Building at 4:15 p.m. Dr. Robert Boord, Department of Zoology, will speak on "Experimental Studies on the Acoustic Nerve of the Pigeon." Coffee and tea will be served in Room 113 at 4:00 p.m. preceding the seminar.

ENGINEERING FACULTY MEETING

There will be an Engineering College Faculty Meeting on Tuesday, November 21st, at 11:30 a.m., in Room 125 Engineering Building.

MATHEMATICS SEMINAR

Dr. John Ernest will be the speaker at the Mathematics Seminar on Tuesday, November 21st, at 4:00 p.m. in Room 114 Physics Building. Dr. Ernest's topic will be "Decomposition Theory for Unitary Representations of Locally Compact Groups." Coffee will be served at 3:30 p.m. in Room 132 Physics Building.

S. U. YOUNG ARTIST SERIES "INDRANI AND COMPANY"

A rare treat is in store for the University Community when Indrani and Her Company of Indian Dancers and Musicians, all of soloist rank, present "Temple Rhythms of India" at 8:15 p.m. on Tuesday, November 21st in Page Auditorium. Indrani, mistress of more types of classical Indian dance than American audiences have ever seen, is brought to the United States by the Asia Society Performing Arts Program as part of its cultural exchange program.

Preceding the performance at 7:00 p.m., Dr. Robert I. Crane of the History Department will conduct a seminar on "Indian Dance as a Representation of Indian Culture" in Room 208 Flowers Building. An informal reception, honoring the artists and also the members of the University Community from India, will be held in Flowers Lounge following the concert. All events are open to the public without charge and are part of the Student Union's **Young Artists Series**.

PHYSICAL THERAPY SYMPOSIUM

A symposium on "Fundamentals of Posture" will be held on Friday, November 24th, at 2:00 p.m. in Room M 110 of the Duke University Medical School. Miss Katharine Wells, Ph.D., Visiting Associate Professor of Physical Education at Mary Washington College will be the guest lecturer. The Physical Therapy Department extends a cordial invitation to the members of the campus community to hear Miss Wells and to participate with us in this presentation.

LIBRARY SCHEDULE

Thanksgiving Day, November 23rd, will be a holiday. All libraries will remain closed.

The Woman's College Library and the General Library will be open and operating according to the following schedule during the Thanksgiving period.

Wednesday, November 22nd—8:00 a.m.-5:00 p.m.

Thursday, November 23rd—Closed

Friday, November 24th—9:00 a.m.-5:00 p.m.

Saturday, November 25th—9:00 a.m.-1:00 p.m.

Sunday, November 26th—Closed

Monday, November 27th—Resume regular schedule

Schedules of school, college and departmental libraries will be posted in those libraries.

DINING HALLS HOURS— THANKSGIVING HOLIDAYS—1961

Wednesday, November 22nd

DINNER

University Room 5:00- 6:30
Oak Room 5:00- 7:00

Thursday, November 23rd

BREAKFAST LUNCH DINNER

University Room 8:30-11:00 11:30-2:00 5:00-7:00 (Buffet)
Oak Room 11:30-2:00 5:00-7:00

Friday, November 24th

BREAKFAST LUNCH DINNER

University Room 7:30- 9:30 11:30-2:00 5:00-6:30
Snack Bar in
University Room
(9:30-11:00)

Saturday, November 25th

BREAKFAST LUNCH DINNER

University Room 7:30- 9:30 11:30-1:30 5:00-6:30
Snack Bar in
University Room
(9:30-11:00)

Sunday, November 26th

BREAKFAST LUNCH DINNER

University Room 8:30-11:00 11:30-1:30 5:00-7:00
"A" Cafeteria 5:00-7:00

NOTICES FOR THE CALENDAR

Since the offices will be closed Thanksgiving Day, Thursday, November 23rd, notices for the next issue of the University Calendar (November 26th-December 2nd) should be submitted in written form to Room 202-A Flowers Building no later than 1:00 p.m. on Wednesday, November 22nd.

QUADRANGLE PICTURES CLOSED

Quadrangle Pictures will be closed on Wednesday, November 22nd, and Saturday, November 25th for the Thanksgiving Holidays. It will open again on Wednesday, November 29th with the showing of "Ashes and Diamonds."

AFRICAN SCULPTURE EXHIBIT WOMAN'S COLLEGE LIBRARY

The Woman's College is sponsoring an exhibit of African Sculptures from the Segy Gallery in New York, November 11th-December 4th in the Lobby of The Woman's College Library, East Campus. The Collection consists of thirty objects representing the outstanding art-producing tribes of West Africa. This exhibit is open to the public during Library hours.

THANKSGIVING CHAPEL SERVICE

Next Sunday, November 26th, falls within the Thanksgiving academic recess. Accordingly, the regular University Service of Worship will not be conducted on that date. However, a half-hour service of organ music, prayers, and Scripture readings will be conducted by the Chaplain to the University, the Reverend Howard C. Wilkinson, beginning at 11:00 a.m. The public and members of the University Community who remain on campus are cordially invited to attend.

ADVANCE NOTICE DEPARTMENT OF ANATOMY LECTURE

S. J. Folley, D.Sc., Ph.D., F.R.S., Head of the Physiology Department, The National Institute for Research in Dairying, University of Reading, England, will present a lecture, "Suckling and Milk Ejection: A Neuroendocrine Theme in Art and Folklore," on Friday, December 1st, at 8:00 p.m. in the Biology Building Lecture Room. All interested persons are cordially invited to attend.

WEEK OF
Nov. 26-Dec. 2, 1961

CALENDAR

WEEK OF
Nov. 26-Dec. 2, 1961

OF DUKE UNIVERSITY



Events of the Week

Sunday, November 26

11:00-11:30 a.m. Devotional Service. University Chapel. Presiding: The Reverend Howard C. Wilkinson, Chaplain to the University.

Monday, November 27

8:15 a.m. Classes are resumed.

2:45-4:15 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:15 p.m. Zoology Seminar. Room 113 Biology Building. Speaker: Dr. Richard Andrew.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

Tuesday, November 28

10:10 a.m. Divinity School Chapel Service. York Chapel. Professor W. F. Stinespring.

4:00 p.m. Meeting of the General Faculty. Engineering Auditorium.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.

8:15 p.m. Poetry Reading. Music Room, East Duke Building. Speaker: George Garrett.

Wednesday, November 29

10:10 a.m. Divinity School Chapel Service. York Chapel. Professor W. F. Stinespring.

11:00 a.m. Divinity School Assembly. York Chapel. Professor David C. Shipley.

4:00 p.m. Chemistry Seminar. Room 01 Chemistry Building. Speaker: Dr. Anton Peterlin.

4:15 p.m. Botanical Seminar. Room 123 Science Building. Speaker: Dr. Everett S. Luttrell.

4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. John W. Atkinson.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

6:30-10:30 p.m. Gothic Bookshop Auction. Room 208 Flowers Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Telephone 2911.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Ashes and Diamonds" A Polish film written and directed by Andrzej Wajda. "Hauntingly fascinating, brilliantly conceived and directed"—Crowther, N. Y. Times. "Honest, powerful with a fluid strikingly graphic technique." Time Magazine.

Thursday, November 30

10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Robert Drew.

12:30 p.m. Plant Ecology Seminar. Room 116 Science Building. Speaker: Mr. Lionel G. Klikoff.

12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:00 p.m. Undergraduate Faculty Council Meeting. Room 208 Flowers Building.

4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:15 p.m. Artists Series—Bayanihan Philippine Dance Company. Page Auditorium.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, December 1

10:10 a.m. Divinity School Chapel Service. York Chapel. Holy Communion with Professor W. F. Stinespring, Celebrant.

12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.

4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those 12 and under must be accompanied by their mothers.

6:30 p.m. Tau Beta Pi Fall Banquet. Old Trinity Room. Speaker: Dr. R. M. Williamson.

8:00 p.m. Department of Anatomy Lecture. Biology Building Lecture Room. Speaker: Dr. S. J. Folley.

8:15 p.m. Varsity Basketball: Duke versus Florida. Indoor Stadium.

Saturday, December 2

2:00 p.m. Varsity Football: Duke versus Notre Dame. Stadium.

4:00-6:00 p.m. S. U. Open House. Union Ballroom.

7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Ashes and Diamonds." A Polish film written and directed by Andrzej Wajda. "Hauntingly fascinating, brilliantly conceived and directed"—Crowther, N. Y. Times. "Honest, powerful with a fluid strikingly graphic technique."—Time Magazine.

DEPARTMENT OF CHEMISTRY SPECIAL SEMINAR

The first in a series of special seminars sponsored by the Department of Chemistry will be given on Wednesday, November 29th, at 4:00 p.m. in Room 01 Chemistry Building. Dr. Anton Peterlin will speak on "Small Angle X-ray Scattering of Polymer Systems." He is Adjunct Professor of Chemistry and Director of the Camille Dreyfus Laboratory. He was recently Head of the Physics Institute at the Technische Hochschule in Munich, Germany. All interested persons are invited.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, November 27th, Room 113 Biology Building at 4:15 p.m. Dr. Richard Andrew, Department of Zoology, Yale University, will speak on "Evolution of Expressions in Primates (Or, Why Doth the Monkey Smile?)." Coffee and tea will be served in Room 113 at 4:00 p.m., preceding the seminar.

DIVINITY SCHOOL ASSEMBLY

On Wednesday, November 29th, at 11:00 a.m. in York Chapel, Dr. David C. Shipley of the Department of Theology at the Methodist Theological School in Ohio will lecture on "The Problem of Time and the Mandate of Hope." Professor Shipley is the author of one volume on Methodist thought and is a regular contributor to various theological journals.

POETRY READING

Poet George Garrett will speak on Tuesday, November 28th, at 8:15 p.m. in the Music Room, East Duke Building. Sponsored jointly by the English Department and the Student Union, Mr. Garrett will be the first rider in the newly formed North Carolina "Poetry Circuit." Other stops will be U.N.C., N. C. State, W. C., Davidson, Wake Forest, and East Carolina. Mr. Garrett is the author of *Abraham's Knife and Other Poems*, *In the Briar Patch*, and two novels. A native of Florida and graduate of Princeton, Mr. Garrett won the Grand Prix de Rome and the Sewanee Review Fellowship in 1959. In 1960 he was awarded a Ford Foundation fellowship for study at the Alley Theater in Houston. The public is cordially invited to attend.

FACULTY MEETINGS

The regular meeting of the general faculty will be on Tuesday, November 28th, at 4:00 p.m. in the Engineering Auditorium.

A specially called meeting of the faculty has been set for Tuesday, December 12th, at 4:00 p.m. in Page Auditorium.

CHAPEL DEVOTIONAL SERVICE

The regular University Service of Worship will not be held on Sunday, November 26th, as this date is within the Thanksgiving academic recess. However, a thirty-minute service of devotional music, prayers, and Scripture readings will be conducted in the Chapel, between 11:00 and 11:30 a.m., for the benefit of those who expect to be on campus during the Thanksgiving recess. The Reverend Howard C. Wilkinson, Chaplain to the University will preside.

BOTANICAL SEMINAR

The Botanical Seminar will meet on Wednesday, November 29th, at 4:15 p.m. in Room 123 Science Building, East Campus. Speaking will be Dr. Everett S. Luttrell, Georgia Experiment Station. A native of Virginia, Dr. Luttrell received his undergraduate training at the University of Richmond and the Ph.D. degree from Duke. Before joining the staff of the Georgia Experiment Station, he was at the University of Missouri. Dr. Luttrell has worked extensively with the Ascomycetes. The author of a number of significant monographic studies of genera within this group of fungi, Dr. Luttrell is one of the leading investigators of evolution within the group.

ADVANCE NOTICE KORKES LECTURE

The fifth annual Korkes Memorial Lecture will be presented by Professor John Kendrew, who will discuss "The Structure of Proteins" in the Hospital Amphitheater on Monday, December 11th, at 7:30 p.m. Dr. Kendrew is Professor of Biophysics at the University of Cambridge. A reception will follow the lecture in the Hospital Dining Room. All interested members of the University Community are cordially invited.

GOTHIC BOOKSHOP BOOK AND ART AUCTION

The ninth annual book and art auction of the Gothic Bookshop will take place in Room 208 Flowers Building from 6:30 until 10:30 p.m. on Wednesday, November 29th. The auction will be conducted by Jeremy North, proprietor of the Gothic Bookshop and member of the Antiquarian Booksellers Association of America. The public is cordially invited to take advantage of this sale.

Important and valuable books on a great variety of subject, fine bindings, desirable prints and paintings will be included in the lot which will be on display in the auction room from 9:00 a.m. on the day of the sale. List of the various items are now available in the Gothic Bookshop.

ADVANCE NOTICE BENJAMIN N. DUKE ART LECTURE

The first Benjamin N. Duke Art lecture of the 1961-62 academic year will be presented by artist Balcomb Greene on Thursday evening, December 7th, at 8:15 in the Music Room of East Duke Building. The lecture has been made possible by the support of the Mary Duke Biddle Foundation and has been arranged by the Department of Art. Mr. Greene will speak on "The Art of Regimentation." Members of the University Community are cordially invited to the lecture and to an informal reception honoring Mr. Greene, which will follow the lecture.

UNDERGRADUATE FACULTY COUNCIL MEETING

The Undergraduate Faculty Council will meet at 4:00 p.m. on Thursday, November 30th, in Room 208 Flowers Building.

TAU BETA PI BANQUET

On Friday, December 1st, at 6:30 p.m., Tau Beta Pi will hold its fall banquet in the Old Trinity Room, Union Building. The speaker will be Dr. R. M. Williamson, Associate Professor of Physics.

ARTISTS SERIES BAYANIHAN PHILIPPINE DANCE COMPANY

The Bayanihan Philippine Dance Company, a vigorous company of thirty young dancers and fifteen musicians, will open the 31st annual Artists Series on Thursday, November 30th. At 8:15 p.m. the curtain will rise in Page Auditorium disclosing the exotic splendor of tropical islands, the color and verve of the Spanish conquerors, the Oriental sophistication of the sloe-eyed Indo-Arabian fantasies, and the sun-drenched splendor of fertile land.

Reviewer John Martin said of their opening at the Met, this November 19th: "The dancers themselves are not only young and handsome, they are also inherently gracious, gentle and elegant, and they dance like angels. The production is a spectacle of breathtaking beauty from start to finish."

Season tickets for the Artists Series will be available until November 30th; individual concert tickets for all five concerts are now on sale in Room 202-A Flowers Building, Extension 2911.

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, November 30th, at 12:30 p.m. in Room 116 Science Building. Mr. Lionel G. Klikoff will speak on "Soil Classification—A New Comprehensive System."

PSYCHOLOGY COLLOQUIUM

There will be a Psychology Colloquium Wednesday, November 29th, at 4:30 p.m. in Room 209 Bivins Building. The speaker, Dr. John W. Atkinson of the University of Michigan, will speak on "A New Premise for Research on Motivation." Coffee will be served at 4:00 p.m.

ADVANCE NOTICE GRADUATE FRENCH EXAMINATION

The French examination for candidates for graduate degrees will be given on Friday, January 5th, in Rooms 113-114 Physics Building at 4:00 p.m. Candidates should register in the Graduate School Office for these examinations not later than December 15, 1961.

WEEK OF
Dec. 3-9, 1961

CALENDAR

WEEK OF
Dec. 3-9, 1961

OF DUKE UNIVERSITY



Events of the Week

Sunday, December 3

- Denominational Meetings. See special notice.
- 10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.
- 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "Getting Ready for Christmas." Broadcast over Radio Station WDNC and WDNC-FM.
- 4:00 p.m. Chapel Choir presents "The Messiah." University Chapel.

Monday, December 4

- 2:45-4:15 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:15 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Dr. Montrose Moses.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 8:00 p.m. Duke Fall-Out Preparedness Committee Meeting. Trustee Board Room, Allen Building.
- 8:00 p.m. Erasmus Club. Green Room, East Duke Building. Speaker: Professor Donald E. Stanford.
- 8:15 p.m. Christmas Concert of Durham Civic Choral Society. Woman's College Auditorium.

Tuesday, December 5

- 9:30 a.m. The final examination of Mr. K. T. Hosain for the Ph.D. degree in Economics. Conference Room, West Library.
- 10:10 a.m. Divinity School Worship Service. York Chapel. Professor Stuart C. Henry.
- 12:30 p.m. Faculty Club Luncheon. Union Ballroom. Speaker: Frank Ashmore.
- 3:30 p.m. Civil Engineering-A.R.O.D. Seminar. Conference Room, Army Research Office. Speaker: Dr. C. C. Chao.
- 4:00 p.m. Mathematics Seminar Room 114 Physics Building. Speaker: Mr. Patrick Fisher, Massachusetts Institute of Technology.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.
- 8:00 p.m. Phi Beta Kappa Initiation. Union Ballroom, West Campus.
- 8:15 p.m. Varsity Basketball. Duke versus Davidson College. Indoor Stadium.

Wednesday, December 6

- 10:10 a.m. Divinity School Worship Service. York Chapel. Professor Stuart C. Henry.
- 10:15 a.m. The final examination of Miss Nellie M. Beetham for the Ph.D. degree in Botany. Room 116 Science Building, East Campus.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 4:15 p.m. Botany Seminar. Room 123 Science Building. Speaker: Dr. Henry S. Roberts.
- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Robert Carson.
- 4:30 p.m. Joint Duke-U.N.C. Physics Colloquium room 265 Phillips Hall, University of North Carolina. Speaker: Dr. Glen W. Erickson, University of North Carolina.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:05 p.m. Quadrangle Pictures. Page Auditorium. "Mon Oncle" with Jacques Tati. Academy Award Winner—"Best Foreign Film of Year." "Leaves you helpless with laughter!" —Zunser. "One of the greatest comic artists!" —Life Magazine
- 8:00-11:00 p.m. Duke Newcomers Club Entertainment. Union Ballroom and Page Auditorium.
- 8:15 p.m. Department of Religion Lecture. Room 208 Flowers Building. Speaker: Bishop Anders Nygren.
- 8:15 p.m. Duke Players Performance: "Six Characters in Search of an Author" by Pirandello. Branson Hall.

Thursday, December 7

- 10:10 a.m. Divinity School Worship Service. York Chapel. Mr. Richard Dickey.
- 12:30 p.m. Plant Ecology Seminar. Room 116 Science Building. Speaker: Mr. David Hillier.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:30 p.m. Physics Seminar. Room 114 Physics Building. Speaker: Dr. Malcolm MacFarlane.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 7:30 p.m. South Asia Colloquium. Room 125 Allen Building. Speaker: The Honorable R. K. Trivedi.
- 8:00 p.m. Staff Outdoor Swimming Pool Planning Session. Engineering Auditorium.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Benjamin N. Duke Art Lecture: Balcomb Green, Artist. Music Room, East Duke Building.
- 8:15 p.m. Duke Players Performance: "Six Characters in Search of an Author" by Pirandello. Branson Hall.

Friday, December 8

- 10:10 a.m. Divinity School Worship Service. York Chapel. Professor Stuart C. Henry and Mr. David Yount.
- 12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.

- 4:00 p.m. Zoology Departmental Seminar. Room 113 Biology Building. Speaker: Dr. Kenneth W. Cooper.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those 12 and under must be accompanied by their mothers.
- 8:00 p.m. A.A.U.P. Meeting. Room 114 Physics Building.
- 8:15 p.m. Student Concert of Songs and Arias. Music Room, East Duke Building.
- 8:15 p.m. Varsity Basketball: Duke versus University of Louisville. Indoor Stadium.
- 8:15 p.m. Duke Players Performance: "Six Characters in Search of an Author" by Pirandello. Branson Hall.

Saturday, December 9

- 5:30 p.m. International Club Dinner-Dance. East Campus Union and Ark.
- 7:00 and 9:05 p.m. Quadrangle Pictures. Page Auditorium. "Mon Oncle" with Jacques Tati. Academy Award Winner—"Best Foreign Film of Year." "Leaves you helpless with laughter!" —Zunser. "One of the greatest comic artists!" —Life Magazine.
- 8:15 p.m. Chamber Arts Society: Pasquier String Trio. Music Room, East Duke Building.
- 8:15 p.m. Duke Players Performance: "Six Characters in Search of an Author" by Pirandello. Branson Hall.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, December 4th, in Room 113 Biology Building at 4:15 p.m. Dr. Montrose Moses, Duke Medical School, will speak on "Chromosome Ultrastructure." Coffee and tea will be served in Room 113 at 4:00 p.m.

DUKE FALL-OUT PREPAREDNESS COMMITTEE MEETING

The Duke University Fall-Out Preparedness Committee will meet on Monday evening, December 4th, at 8 o'clock in the Trustee Board Room in Allen Building. All members are urged to be present.

ERASMUS CLUB

The Erasmus Club will meet at 8:00 p.m. on Monday, December 4th, in the Green Room, East Duke Building. The speaker will be Professor Donald E. Stanford of the Department of English, who will speak on "Edward Taylor, American Metaphysical Poet." A cordial welcome is extended to all members and their guests.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor James T. Cleland, Dean of the Chapel, will deliver the sermon at the University Service of Worship on Sunday, December 3rd, at 11:00 a.m. in the University Chapel. His subject will be "Getting Ready for Christmas." The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister.

Preludes—"How Brightly Shines the Morning Star"

Buxtehude

"In dulce jubilo"

Bach

Call to Worship—"Sanctus" from *Mass II* *Hans Leo Hassler*

Hymn—"Stand Up and Bless the Lord" *Genevan Psalter*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"And He shall Purify" (from *The Messiah*)

George Handel

Scripture—Isaiah 9:2-7

Hymn—"O Come, O Come, Immanuel"

Ancient plain song, 13th century

Call to Worship

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"For Unto Us A Child is Born"

(from *The Messiah*)

George Handel

Response—The Doxology

Prayer of Dedication

Sermon—"Getting Ready for Christmas"

Prayer

Benediction

The Sevenfold Amen

Stainer

The Chimes

Postlude—Fugue on "Von Himmel Hoch"

Pachelbel

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 6:30 P.M., Watts Street Baptist Church, Beginning a series: Christianity and Personality Development. **Wednesday**, 6:15 P.M., The Ark, East Campus, General meeting. **Friday**, 4:40 P.M., seminar—Reading of Auden's *For the Time Being*. **December 9**, Supper and square dance at Camp New Hope.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 7:30 P.M., Sacred concert by St. Phillips Church choir, directed by David Pizarro. **Wednesday**, 7:00 P.M., Dr. Klenz will conduct a rehearsal of the communion service.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Green Room, East Duke Building, East Campus, Bob Hyatt, Associate Director of Religious Life on West Campus, will speak on, "Berger's Bomb," High lights of the whole L.S.A. study book, *Noise of Solemn Assemblies*. **Wednesday**, 7:15 and 8:00 A.M., Holy Communion, Memorial Chapel of Duke Chapel.

METHODIST CENTER: Sunday, 9:30 A.M., Methodist Center, Study Seminars; 5:00 P.M., Methodist Center, Snack Supper (35¢); 6:00 P.M., Methodist Center, Worship. As a part of the worship a brass choir will play a Gabrieli Sonata; 7:00 P.M., Method-

ist Center, Forum Hour. **Wednesday**, 6:00 P.M. Holy Communion.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 9:30 A.M., 208 Flowers Bldg., Sunday School; 6:00 P.M., Methodist Student Center, Joint meeting with Methodist Student Fellowship. **Friday**, Study Group, Green Room, East Duke Building, "The Question of Christian Authority," Rev. Robert Henderson.

UNITARIAN FELLOWSHIP: Sunday, 7:30 P.M., X204 Union Building, West Campus, The Christmas service will be conducted by Dr. Sydney Freeman of the Charlotte Unitarian Church. There will be a social hour after the service. This service will take the place of the usual student meeting with Dr. McHugh in Bivens Building.

CHAPEL CHOIR PRESENTS "THE MESSIAH"

One of the outstanding events, which for over twenty years has been a part of the Duke Christmas tradition, will be the presentation of Handel's "The Messiah" by the Duke University Chapel Choir under the direction of Professor Paul Young on Sunday, December 3rd, and also on Sunday, December 10th, at 4:00 p.m. Since the first presentation will be open to guests from the entire state, it is requested that, if at all possible, members of the University Community attend the second performance.

The soloists will include Leslie Holmes, soprano; Tina Phoff, contralto; John Hanks, tenor; and Byung Kwon, baritone, with Mildred L. Hendrix at the organ.

CHRISTMAS CONCERT DURHAM CIVIC CHORAL SOCIETY

The thirteenth annual Christmas concert of the Durham Civic Choral Society will be presented on Monday, December 4th, at 8:15 p.m. in the Woman's College Auditorium. The Triangle Little Symphony, a full orchestra composed of musicians from the Triangle area, will accompany the group. The director will be Dr. Paul R. Bryan, Department of Music. Admission to the concert is free, and the public is cordially invited.

Two seventeenth century works, *Gloria* by Antonio Vivaldi and *The Infant Jesus (Bas neugeborne Kindelein)* by Dietrich Buxtehude will be performed. In contrast to these early works, the group will also sing the contemporary work, *Fantasia on Christmas Carols* by Ralph Vaughan Williams.

The soloists who are to be heard in the major work, the *Gloria*, have been selected from the Society itself. They are Roberta David, Afrika Hayes, Mary Dale Carter and Naomi MacCaugherty. In the Vaughan Williams' work, Steve Kimbrough will sing the baritone solo.

PHI BETA KAPPA INITIATION

The annual fall initiation ceremony of Phi Beta Kappa will be held on Tuesday, December 5th, at 8:00 p.m. in the Union Ballroom, West Campus. Initiates, officers, and participants in the program are asked to be present by 7:45 p.m.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. K. T. Hosain for the Ph.D. degree in Economics will be held on Tuesday, December 5th, at 9:30 a.m. in the Conference Room of the West Campus Library. The subject of Mr. Hosain's dissertation is "The Role of Demographic Variables in Economic Development as Considered in the Literature of the United Nations." The committee to conduct the examination consists of Professors J. J. Spengler, F. T. deVyver, C. B. Hoover, R. S. Smith, and R. H. Connery. Professor Spengler will preside.

FACULTY CLUB LUNCHEON MEETING

The Faculty Club will gather for a luncheon meeting on Tuesday, December 5th, at 12:30 p.m. in the Union Ballroom. The luncheon cost of \$1.25 is payable at the door; members are requested to make reservations by returning the cards sent for this purpose.

Speaker for the luncheon, Mr. Frank Ashmore, will speak on "Action Under Duke's Development Program."

CIVIL ENGINEERING—A.R.O.D. SEMINAR

A seminar on "Stress-waves in Infinite and Semi-infinite Solids" will be given by Dr. C. C. Chao under the joint auspices of the Department of Civil Engineering and the U. S. Army Research Office—Durham. To be held in the Conference Room of A.R.O.D. at 3:30 p.m., Tuesday, December 5th, the seminar will be preceded by refreshments at 3:00 p.m.

Dr. Chao is Assistant Professor in the Department of Aeronautical Engineering at Stanford University. He received his B.S. from the National Central University of China, his M.S. at Ohio State University, and his Ph.D. from Columbia University.

All interested persons are cordially invited to attend.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Miss Nellie M. Beetham for the Ph.D. degree in Botany will be held on Wednesday, December 6th, at 10:15 a.m. in Room 116 Science Building, East Campus. The subject of Miss Beetham's dissertation is "The Ecological Tolerance Range of the Seedling Stage of *Sequoia gigantea*." The committee to conduct the examination consists of Professors H. J. Oosting, L. E. Anderson, P. J. Kramer, W. D. Billings, and C. W. Ralston. Professor Oosting will preside.

BOTANY SEMINAR

The Botanical Seminar will meet on Wednesday, December 6th, at 4:15 p.m. in Room 123 Science Building, East Campus. Tea and coffee will be served at 4:00 p.m. Dr. Henry S. Roberts of the Zoology Department will speak on "Factors Common to Cytokinesis in Animal and Plant Cells." Dr. Roberts received his undergraduate training at Mercer College and the Ph.D. degree from Duke, after which he joined the zoology staff. His research interests have

centered mainly around cytokinesis and, especially, the physical factors and kinetics of the process.

PSYCHOLOGY COLLOQUIUM

There will be a Psychology Colloquium on Wednesday, December 6th, in Room 209 Bivins Building at 4:30 p.m. The speaker will be Dr. Robert Carson of the Department of Psychiatry at Duke Medical Center. His topic will be "Personality Interaction Effects in Therapeutic and Quasi-therapeutic Encounters." Coffee will be served at 4:00 p.m.

NEWCOMERS CLUB DESSERT

The Newcomers Club will have a dessert on Wednesday, December 6th, at 8:00 p.m. in the Union Ballroom. Husbands are invited to attend both the dessert and the movie, "Mon Oncle," which will follow in Page Auditorium. For reservations, call Mrs. C. Tanford, 489-4149. The cost will be \$1.50 a couple.

DEPARTMENT OF RELIGION OPEN LECTURE BISHOP ANDERS NYGREN

Bishop Andres Nygren of Sweden, one of the important contemporary European theologians, will deliver a public address on Wednesday evening, December 6th, at 8:15 in Room 208 Flowers Building. Sponsored by the Department of Religion, he will speak on the topic, "History—Motif Research."

Bishop Nygren is past president of the Lutheran World Federation (1947-52) and a member of the Central Committee of the World Council of Churches. His academic career was centered in the University of Lund, where he was docent in Philosophy of Religion and Professor of Systematic Theology. He is the author of a number of books on theology, among the best known of which are *Agape and Eros*, *The Gospel of God*, and *The Essence of Christianity*. His work has been translated into German, French, Dutch, Chinese, and Japanese, as well as English.

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, December 7th, at 12:30 p.m. in Room 116 Science Building. Mr. David Hillier will speak on "Botany Curricula in U. S. Colleges and Universities."

PHYSICS SEMINAR

There will be a Physics Seminar on Thursday, December 7th, at 4:30 p.m. in Room 114 Physics Building. Dr. Malcolm MacFarlane of the University of Rochester, Rochester, New York, will speak on "Recent Progress in Nuclear Shell Theory." Tea will be served at 4:15 p.m.

STAFF OUTDOOR SWIMMING POOL PLANNING SESSION

There will be a meeting on Thursday, December 7th, at 8:00 p.m. in the Engineering Auditorium for all university-staff personnel interested in an outdoor swimming pool as a family recreation facility. The meeting is called to provide a progress report to the university staff and to decide upon the most appropriate course of action. Attendance of all interested staff is urgently requested.

DUKE PLAYERS PRESENT "SIX CHARACTERS IN SEARCH OF AN AUTHOR"

Duke Players will present the best known play of Luigi Pirandello, "SIX CHARACTERS IN SEARCH OF AN AUTHOR," as adapted by Paul Avila Mayer, Wednesday through Saturday, December 6th, 7th, 8th, and 9th, in Branson Hall at 8:15 p.m. Pirandello's inquiry into the question of what is illusion and what is really finds ideal expression in this play as the characters from an unfinished drama come onto the stage of a theatre and ask the actors and directors, who are gathered for rehearsal, to enact their play instead.

For this arena production, admission will be \$.75 on Wednesday and Thursday evenings; \$1.25 on Friday and Saturday. Reservations may be made by calling the Branson Hall box office, Ext. 3181, from 2:00 p.m. until 5:00 p.m. on Monday and Tuesday, December 4th and 5th, and from 2:00 p.m. until show time Wednesday through Saturday. Telephone reservations will be held until 8:10 p.m. each evening.

SOUTH ASIA COLLOQUIUM

The South Asia Colloquium will hold its first meeting of the academic year on Thursday, December 7th, at 7:30 p.m. in Room 125 Allen Building. The Hon. R. K. Trivedi, Deputy Director, National Academy of Administration, Delhi, India, will be the speaker. His topic will be "Some Aspects of Training for the Higher Civil Service of India." The talk will be followed by discussion and questions.

The South Asia Colloquium is specially designed for interested faculty and for students who are majoring in South Asian studies in the various departments. It is, however, open to the University Community.

BENJAMIN N. DUKE ART LECTURE

The first Benjamin N. Duke Art lecture of the 1961-62 academic year will be presented by artist Balcomb Greene on Thursday evening, December 7th, at 8:15 in the Music Room of East Duke Building. The lecture has been made possible by the support of the Mary Duke Biddle Foundation and has been arranged by the Department of Art. Mr. Greene will speak on "The Art of Regimentation." Members of the University Community are cordially invited to the lecture and to an informal reception honoring Mr. Greene, which will follow the lecture.

ENGAGEMENT SEMINAR

An "Engagement Seminar" will be sponsored December 9-10 under the joint auspices of the YWCA and the Special Observances Committee of the University Religious Council. The seminar will be led by Mrs. Ethel Nash, marriage counselor and associate in the Department of Preventive Medicine at Bowman Gray Medical School. In order to participate in the seminar, it is necessary to register in advance at either the YWCA office, 110 Faculty Apts., or in the Duke Chapel office. The registration fee is \$1.50 per couple. Only pinned or engaged couples are eligible. Membership in the seminar is limited. Students are asked to register by Wednesday, December 6.

DEPARTMENT OF ZOOLOGY SPECIAL SEMINAR

The Zoology Department will hold a special seminar on Friday, December 8th, in Room 113 Biology Building at 4:00 p.m. Dr. Kenneth W. Cooper, Dartmouth Medical School, Hanover, New Hampshire, will speak on "Microscopic Evidence for Submicroscopic Organelles in Chromosomes."

STUDENT CONCERT OF SONGS AND ARIAS

The Department of Music will present a concert of songs and arias by students of John Hanks on Friday, December 8th, at 8:15 p.m. in the Music Room, East Duke Building. The program will be as follows and the public is cordially invited to attend:

- | | | |
|--|---|------------|
| I. | | |
| Lasciatemi morire | | Monteverdi |
| Per la gloria | | Bononcini |
| Two arias from "Die Zauberflöte" | | Mozart |
| 1. O Isis und Osiris | | |
| 2. In diesen heiligen Hallen | | |
| Charles Mike Smith, Bass | | |
| II. | | |
| Du bist wie eine Blume | } | Schumann |
| Frühlingsnacht | | |
| Das verlassene Mägdlein | | |
| Auf einer wandrung | | |
| Auf dem grünen Balcon | | Wolf |
| Claudia Bray, Mezzo-Soprano | | |
| III. | | |
| Adelaide | | Beethoven |
| Die liebe Farbe | } | Schubert |
| Die böse Farbe | | |
| Die Mainacht | } | Brahms |
| Stehen | | |
| Michael Best, Tenor | | |
| IV. | | |
| Five Songs | | Barber |
| 1. The nun takes the veil | | |
| 2. Monks and Raisins | | |
| 3. Nocturne | | |
| 4. Sea Snatch | | |
| 5. I Hear An Army | | |
| Elender Dennis, Mezzo-Soprano | | |
| V. | | |
| Scene and Aria "Ah forse è lui" from "La Traviata" | | Verdi |
| Nancy Lassiter, Soprano | | |
| Ruth Friedberg at the Piano | | |

ADVANCE NOTICE ARTIST SERIES

The second concert of the 1961-62 Artist Series will be presented by the Philadelphia Orchestra, Eugene Ormandy, conducting, on Tuesday, January 9th, at 8:15 p.m. in the Indoor Stadium. Reserved seat tickets are available at \$3.00, \$2.50, and \$2.00, with a \$.50 discount on reserved seat tickets purchased prior to the concert date. Unreserved seats are \$1.00. For tickets, come to Room 202-A Flowers Building, call 681-0111, extension 2911, or write Box KM, Duke Station. (Enclose a stamped, self-addressed envelope.)

AMERICAN ASSOCIATION OF UNIVERSITY PROFESSORS MEETING

There will be a called meeting of the Duke Chapter of the A.A.U.P. on Friday, December 8th, at 8:00 p.m. in Room 114 Physics Building to hear a report of the Committee on Faculty Participation in the Government of Duke University. The report chiefly concerns the proposed by-laws of Duke University, and suggested modifications of them.

INTERNATIONAL CLUB DINNER-DANCE

The International Club will hold a dinner dance on Saturday, December 9th, at 5:30 p.m. in the East Campus Union Building. The dance will begin at 7:00 p.m. in the Ark. One of the members will give a report on the United Nations Seminar on Nuclear Testing. All interested members of the University Community are cordially invited.

CHAMBER ARTS SOCIETY PASQUIER STRING TRIO

The Chamber Arts Society announces the third concert of its season to be played by the Pasquier String Trio of Paris on Saturday, December 9th, in the Music Room, East Duke Building at 8:15 p.m. The musicians are Jean Pasquier (Violin), Pierre Pasquier (Viola), and Etienne Pasquier (Cello).

The program follows:

Divertimento in E flat major, K. 563	Mozart
Serenade for String Trio, Opus 10	Dohnanyi
Trio (dedicated to the Pasquier Trio)	J. Rivier

Other chamber music concepts scheduled this season include:
January 20 (Saturday) Hungarian Quartet
February 17 (Saturday) Duo Doktor-Menuhin (Viola-Piano)
April 14 (Saturday) New York String Sextet

Admission to concerts is by Membership Card or Guest Card. Guest Card for single admission to any one concert will cost \$2.50. Seventy Guest Cards are available for each concert; they may be obtained at the door of the Music Room from 7:30 to 8:00 p.m. on concert evenings. Information as to the Society, Programs, etc., may be obtained by writing to Chamber Arts Society, c/o Ernest W. Nelson, Box 6055, College Station, Durham, North Carolina.

ADVANCE INVITATION INTERNATIONAL STUDENTS

The Durham YWCA, 515 West Chapel Hill Street, extends a cordial invitation to the international students on campus to attend the Annual Christmas Supper at 5:00 p.m. on Sunday, December 10th. A limited number of guest tickets are available and may be reserved by calling the number 681-2041 in Durham.

ADVANCE NOTICE FOUNDER'S DAY

George V. Allen, currently President of the Tobacco Institute, Incorporated, will speak at the University's thirty-seventh observance of Founder's Day on Monday, December 11th. Allen, a former high-

ranking diplomat and until recently Director of the United States Information Agency, is an alumnus of Duke who earlier this year was named to the University's Board of Trustees. He served as Assistant Secretary of State under both former Presidents Eisenhower and Truman. Earlier he had served as Ambassador to Yugoslavia, India, Iran, and Nepal. The subject of his address has not been announced. Founder's Day exercises are traditionally held at 10:20 a.m. in Page Auditorium.

ADVANCE NOTICE S. U. GERMAN AFFAIRS SEMINAR

The Student Union's Educational Affairs Committee will present in an open seminar Dr. Hans Albrecht Schwarz-Liebermann von Wahlendorf, distinguished German diplomat and authority on international and constitutional law on Monday, December 11th, at 4:00 p.m. in Room 208 Flowers Building. Dr. Schwarz-Liebermann will address the group on "Germany in the Atlantic Community;" a question and answer period will follow his address.

Traveling under the auspices of the German government, Dr. Schwarz-Liebermann comes with a notable record of service in both academic and political fields. A cordial invitation is extended to members of the University Community to attend this timely seminar.

ADVANCE NOTICE KORKES LECTURE

The fifth annual Korkes Memorial Lecture will be presented by Professor John Kendrew, who will discuss "The Structure of Proteins" in the Hospital Amphitheater on Monday, December 11th, at 7:30 p.m. Dr. Kendrew is Professor of Biophysics at the University of Cambridge. A reception will follow the lecture in the Hospital Dining Room. All interested members of the University Community are cordially invited.

ADVANCE NOTICE UNIVERSITY FACULTY MEETING

The University Faculty will meet in called session Tuesday afternoon, December 12th, at 4:00 p.m. in Page Auditorium. This meeting has been called for the purpose of providing an opportunity for the University Faculty to review and discuss the "Draft of Proposed By-laws of Duke University," a copy of which was sent to each faculty member on November 24th.

ADVANCE NOTICE GRADUATE FRENCH AND SPANISH EXAMINATIONS

The French and Spanish Examinations for candidates for graduate degrees will be given on Friday, January 5th, in Room 113-114 Physics Building at 4:00 p.m. Candidates should register in the Graduate School Office for these examinations not later than December 15th.

WEEK OF
Dec. 10-16, 1961

CALENDAR

WEEK OF
Dec. 10-16, 1961

OF

DUKE UNIVERSITY



Events of the Week

Sunday, December 10

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor James L. Price, Jr., Chairman of the Department of Religion. Sermon: "The Coming of the King." Broadcast over Radio Station WDNC and WDNC-FM.

1:30-3:30 p.m. YWCA-URC Engagement Seminar. Green Room, East Duke Building.

4:00 p.m. "The Messiah." Chapel Choir. University Chapel.

5:00 p.m. YWCA Annual Christmas Supper for International Students. 515 West Chapel Hill Street.

7:00-9:00 p.m. YWCA-URC Engagement Seminar. Green Room, East Duke Building.

8:00 p.m. Fraternity-Sorority Sing Finals. Woman's College Auditorium.

Monday, December 11

10:20 a.m. Founder's Day Exercises. Page Auditorium. Speaker: George V. Allen.

2:45-4:15 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:00 p.m. Mathematics Seminar. Room 114 Physics Building. Speaker: Dr. Clement Kent.

4:00 p.m. Student Union German Affairs Seminar. Room 208 Flowers Building. Speaker: Dr. Schwarz-Liebermann.

4:15 p.m. Zoology Seminar. Room 113 Biology Building. Speaker: Dr. Robert P. Higgins.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

7:30 p.m. Korkes Memorial Lecture. Hospital Amphitheater. Speaker: Professor John Kendrick.

8:15 p.m. Student Violin Recital. Music Room, East Duke Building.

8:15 p.m. Varsity Basketball: Duke versus Clemson. Indoor Stadium.

Tuesday, December 12

10:10 a.m. Divinity School Chapel Service. York Chapel. The Reverend Professor James T. Cleland.

11:30 a.m. Engineering College Faculty Meeting. Room 125 Engineering Building.

4:00 p.m. University Faculty Meeting. Page Auditorium.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

4:30 p.m. Duke Concert Band Clinic. Asbury Building Auditorium. Vincent J. Abato, clinic leader.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 5:30 p.m. Trinity College Historical Society Meeting. S & W Cafeteria. Speaker: Professor Robert I. Crane.
- 7:15 p.m. Annual YMCA Christmas Vespers. University Chapel.
- 8:15 p.m. Duke Concert Band Concert. Page Auditorium.

Wednesday, December 13

- 10:10 a.m. Divinity School Chapel Service. York Chapel. The Reverend Professor James T. Cleland.
- 4:00 p.m. Joint Duke-UNC Physics Colloquium. Room 114 Physics Building. Speaker: Dr. Norbert Rosenzweig.
- 4:00 p.m. Special Chemistry Seminar. Room 01 Chemistry Building. Speaker: Dr. Anton Peterlin.
- 4:15 p.m. Botany Seminar. Room 123 Science Building. Speaker: Dr. John N. Conch.
- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Gardner Lindzey.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 6:00 p.m. Student Union Christmas Bnffet. Union Ballroom.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:05 and 9:00 pm. Quadrangle Pictures. Page Auditorium. "Come Back Africa" "Timely! Remarkable! Looks deep into the private nightmare and social desperation of a man and a people." Time Magazine "The helplessness and frustration that the average African must feel in the face of the social dilemmas that exist in South Africa today are put forth with raw reality!"—Times. ALSO: "The Golden Fish"—Academy Award Winning Short.
- 8:00 p.m. Terpsichorean Concert. Branson Hall.

Thursday, December 14

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. David Jarvis.
- 12:30 p.m. Plant Ecology Seminar. Room 116 Science Building. Speaker: Mr. G. Mansfield-Jones.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:00 p.m. Undergraduate Faculty Meeting. Room 208 Flowers Building.
- 4:15-6:00 p.m. Duke Marching Band practice. Coombs Field.
- 6:00 p.m. East Campus Christmas Dinner. East Union Building and Gilbert-Addoms.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 7:30 p.m. Woman's College Christmas Vespers. East Duke Chapel.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, December 15

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Special program of Christmas music by the Divinity School Choir.
- 12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.
- 4:00 p.m. The final examination of Mr. Joseph Marion Garrison, Jr. for the Ph.D. degree in English. Conference Room, General Library.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those 12 and under must be accompanied by their mothers.
- 8:00 p.m. English Department Lecture. Music Room, East Duke Building. Speaker: Dr. Ian Gregor.

Saturday, December 16

- 6:30 p.m. Faculty Club Christmas Party. Meet in Flowers Lounge.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Come Back Africa" "Timely! Remarkable! Looks deep into the private nightmare and social desperation of a man and a people."—Time Magazine "The helplessness and frustration that the average African must feel in the face of the social dilemmas that exist in South Africa today are put forth with raw reality!"—Times ALSO: "The Golden Fish"—Academy Award Winning Short.

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George V. Allen, currently president of The Tobacco Institute, Incorporated, will speak at the University's thirty-seventh observance of Founder's Day on Monday, December 11th.

Allen, a former high-ranking diplomat and until recently Director of the U. S. Information Agency, is an alumnus of Duke who earlier this year was named to the University's Board of Trustees. He served as Assistant Secretary of State under both former Presidents Eisenhower and Truman. Earlier he had served as U. S. Ambassador to Yugoslavia, India, Iran, and Nepal. The subject of his address will be "Must We Be Red or Dead?" Founder's Day exercises traditionally are held at 10:20 a.m. in Page Auditorium. Third period classes will be suspended.

MATHEMATICS SEMINAR

The Mathematics Seminar will be held Monday, December 11th, at 4:00 p.m. in Room 114 Physics Building. Dr. Clement Kent will speak on "Certain Constructive Analogues of the Group of Permutations of a Countably Infinite Set." Coffee will be served at 3:30 p.m. in Room 132.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor James L. Price, Jr., Chairman, The Department of Religion, will deliver the sermon at the University Service of Worship on Sunday, December 10th, at 11:00 a.m. in the University Chapel. His subject will be "The Coming of the King." The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister.

Organ Preludes—"Kommst du nun, Jesu" *Bach*

"Nun Komm, der Heiden Heiland" *Bach*

"Vom Himmel Hoch" *Pachelbel*

Call to Worship—"Fanfare for Christmas Day" *Martin Shaw*

Hymn—"O Come, All Ye Faithful" *Source unknown*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"How Beautiful are the Feet of Him"

George Handel

Scripture—Mark 1: 1-15

Hymn—"Hail, to the Lord's Anointed"

Gesangbuch der Herzogt

Call to Worship

The Pastoral Prayer of Adoration, Thanksgiving, Intercession,

Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Glory to God in the Highest"

Randall Thompson

Response—The Doxology

Prayer of Dedication

Sermon—"The Coming of the King"

Prayer

Benediction

The Sevenfold Amen

Stainer

The Chimes

Organ Postlude—Toccata on "Vom Himmel Hoch"

Garth Edmunson

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 6:30 P.M., Watts Street Baptist Church, "Christianity and Personality Development." Wednesday, 6:15 P.M., The Ark, East Campus, General Meeting—Rides leave West circle at 6:00. Friday, 4:40 P.M., Seminar, reading of Auden's "For the Time Being."

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Episcopal Center, Holy Communion; 6:30 P.M., Episcopal Center, Supper after the Messiah performance in the Chapel. Wednesday, 7:10 A.M., Holy Communion; 5:00 P.M., Holy Communion; 8:00 P.M., Dr. Riddel's seminar.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Green Room, East Duke Building, East Campus, Chaplain Shuford will lead continuing study of American church scene, based on Peter Berger's *Noise of Solemn Assemblies*. Wednesday, 7:15 A.M. and 8:00 A.M., Memorial Chapel of Duke Chapel, Holy Communion.

METHODIST CENTER: Sunday, 9:30 A.M., Methodist Center, Study Seminars; 5:00 P.M., Snack Supper (35¢) at the Center; 6:00 P.M., Methodist Center, Worship; 7:00 P.M., Forum, Dr. Brehm, Department of Psychology, will speak on, "Anxiety on Campus in the Light of the Nuclear Threat." Wednesday, 6:00 P.M., Holy Communion.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 9:30 A.M., 204 Flowers Building (West Campus), Sunday School. 5:00 P.M., Meet at East Campus circle and Chapel steps for rides to First Presbyterian Church where we will be the Church's guests for dinner.

UNITARIAN FELLOWSHIP: Sunday, 7:30 P.M., 204 Bivins Building, East Campus, Student discussion meeting with Dr. McHugh.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., Chapel Room, East Duke Building, East Campus.

CHAPEL CHOIR PRESENTS "THE MESSIAH"

One of the outstanding events, which for over twenty years has been a part of the Duke Christmas tradition, will be the presentation of Handel's "The Messiah" by the Duke University Chapel Choir under the direction of Professor Paul Young on Sunday, December 10th, at 4:00 p.m.

The soloists will include Leslie Holmes, soprano; Tina Phoff, contralto; John Hanks, tenor; and Byung Kwon, baritone, with Mildred L. Hendrix at the organ.

INVITATION TO INTERNATIONAL STUDENTS

The Durham YWCA, 515 West Chapel Hill Street, extends a cordial invitation to the international students on campus to attend the Annual Christmas Supper at 5:00 p.m. on Sunday, December 10th. A limited number of guest tickets are available and may be reserved by calling 681-2041 in Durham.

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Traveling under the auspices of the German government, Dr. Schwarz-Liebermann comes with a notable record of service in both academic and political fields. A cordial invitation is extended to members of the University Community to attend this timely seminar.

KORKES MEMORIAL LECTURE

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ENGINEERING COLLEGE FACULTY MEETING

The faculty of the Engineering College will meet on Tuesday, December 12th, at 11:30 a.m. in Room 125 Engineering Building.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, December 11th, in Room 113 Biology Building at 4:15 p.m. Dr. Robert P. Higgins, Wake Forest College, will speak on "Oblivion: Where the Kinorhynchs Dwell." Coffee and tea will be served at 4:00 p.m.

STUDENT VIOLIN RECITAL

The Department of Music will present a student violin recital from the class of Mrs. Julia Mueller on Monday, December 11th, at 8:15 p.m. in the Music Room, East Duke Building. Mrs. Ruth Friedberg will be the accompanist. The public is cordially invited to attend. The program is as follows:

Largo		Veracini
	Lawrence Cobb '65	
Sonata in G minor		Handel
Andante		
Allegro	Mary Parker '65	
Suite in D minor		Bach
Prelude		
Allemande		
Courante		
Sarabande		
Gigue	Linda Speck '64	
Sicilienne and Rigaudon		Kreisler
	Marian Turner	
Minuet in C Major		Bach
Allegretto grazioso		Brahms
	William Moores '62	
Etude in C minor		Kreutzer
Sonatina in D major		Schubert
	Rose London '65	

UNIVERSITY FACULTY MEETING

The University Faculty will meet in called session Tuesday afternoon, December 12th, at 4:00 p.m. in Page Auditorium. This meeting has been called for the purpose of providing an opportunity for the University Faculty to review and discuss the "Draft of Proposed Bylaws of Duke University," a copy of which was sent to each faculty member on November 24th.

TRINITY COLLEGE HISTORICAL SOCIETY MEETING

On Tuesday, December 12th, the Trinity College Historical Society will hold its monthly dinner meeting at the S & W Cafeteria, 501 West Chapel Hill Street, beginning at 5:30 p.m. Members will go through the line and proceed across the lobby to the reserved private dining room. Professor Robert I. Crane will deliver the address, entitled "India: Why and How It Is Studied by the Historian." Dr. Crane, appointed full professor to the Duke faculty this year, is a widely recognized authority in the field of Asian studies. He served as a specialist on South Asia, India Desk, with the U. S. Department of State, 1943-44, and has been a consultant for Asia programs at seven universities. Professor Crane's wide first-hand experience in Asia includes service with the O.S.S. in the India-Burma Theater, 1944-45. Among his publi-

cations are "Aspects of Economic Development in South Asia," and "The History of India: Its Study and Interpretation."

ANNUAL YMCA CHRISTMAS VESPERS DUKE MADRIGAL SINGERS

The annual Christmas Vespers presented jointly by the YMCA and the Duke Madrigal Singers will be presented Tuesday evening, December 12th, at 7:15 in the University Chapel. Sponsored by the Music Department, the Duke Madrigal Singers are directed by Eugenia Saville. The public is cordially invited to attend the service.

Consisting of readings, prayer, and music, the musical program follows:

- I. Antiphon with Psalm 129 *Gregorian Chant*
Capitulum, Hebrews 1:1-2
from Secundae Vesperse in Nativitate
Men's Chorus
- II. Angelus ad virginem *14th Century English*
Elender Dennis, Donald Milholland, Part-Song
with Martha Jane Gilreath, recorder
and Linda Speck, viola
- III. Now wel may we merthis make *English Carol, ca. 1425*
David Huggin, Stanley Bennett,
and Men's Chorus
- IV. Hodie apparuit *Orlandus de Lassus*
Women's Chorus *(1530?-1594)*
- V. Lauda alla Vergine Maria *Giuseppe Verdi*
from Dante's *Paradiso*, Canto XXXIII *(1813-1901)*
Nancy Lassiter, Elender Dennis,
Claudia Bray, Katrina Sutton
- VI. El Rorro *Mexican Christmas*
Combined Choruses *Lullaby, arr. Wasner*
K. Davis
- VII. Carol of the Drum
Men's Chorus
- VIII. E la don, don, Verges Maria *16th Century Spanish*
Alan Clugston and Chorus *Dance Carol*
- IX. All Under the Leaves of Life *Shropshire Carol,*
Women's Chorus *arr. I. Holst*
- X. Gloria in excelsia Deo *Thomas Weelkes*
(1576?-1623)
- XI. Taublein Weiss *Johannes Brahms*
Mixed Chorus *(1833-1897)*

BOTANY SEMINAR

The Botanical Seminar will meet on Wednesday, December 13th, at 4:15 p.m. in Room 123 Science Building. Tea and coffee will be served at 4:00 p.m. Speaking will be Dr. John N. Couch, Kenan Professor of Botany, University of North Carolina. Dr. Couch was born in Virginia and received his undergraduate training and the Ph.D. degree from the University of North Carolina. He will speak on "Observations on Botanical Education in India." One of the truly outstanding mycologists of the world, Dr. Couch has amassed a distinguished research record in the Phycomyces, a group of fungi in which he has done fundamental work on ciliary structure, relationships with insects, notably scale insects and mosquito larvae, sexuality, and basic systematics. His teaching career is equally notable as evidenced by an impressive list of students who have become outstanding leaders in the field of mycology. He is a member of the National Academy of Sciences and recently spent a number of months in India, where he visited botanical laboratories and agricultural establishments. Dr. Couch's talk will be illustrated with color slides.

DUKE CONCERT BAND CONCERT

The Department of Music presents the Duke Concert Band, Paul Bryan conducting, with Vincent J. Abato as soloist, in concert on Tuesday, December 12th, at 8:15 p.m. in Page Auditorium.

Mr. Abato ranks among the foremost reed instrument virtuosos of our generation and is one of the few artists in history to achieve a reputation of eminence on three major instruments—the saxophone, the clarinet, and the bass clarinet. Mr. Abato's professional experience includes solo appearances with many of the nation's leading symphony orchestras and under such distinguished conductors as Arthur Rodzinski, Leopold Stokowski, William Steinberg, Harold Barlow, and Percy Faith.

In addition to a busy schedule of radio, television, and recording engagements, Mr. Abato is extremely interested in the school music program and has presented many clinics in schools and colleges throughout the country. He will present a clinic in Asbury Building Auditorium on Tuesday, December 12th, at 4:30 p.m.

Admission to the concert is free, and everyone is cordially invited to attend. The program is as follows:

La Boutique Fantasque (The Fantastic Toy Shop)

Rossini-Respighi

Concerto for Alto Saxophone, Op. 26

Paul Creston

Vincent J. Abato, Alto Saxophone

Polonaise from the Opera "Christmas Night"

Rimsky-Korsakov

Symphony for Band

Morton Gould

JOINT DUKE-UNC PHYSICS COLLOQUIUM

The joint Duke-UNC Physics Colloquium will meet Wednesday, December 13th, at 4:00 p.m. in Room 114 Physics Building. The speaker will be Dr. Norbert Rosenzweig of Argonne National Laboratory. His topic will be "Statistical Mechanics of Equally Likely Quantum Systems."

SPECIAL CHEMISTRY SEMINAR

Dr. Anton Peterlin will present the second in a series of seminars on "Small Angle X-ray Scattering of Polymer Systems." The seminar will meet in Room 01 Chemistry Building at 4:00 p.m. on Wednesday, December 13th. Dr. Peterlin will present two more seminars on January 3rd and 10th. Everyone is cordially invited to attend.

PSYCHOLOGY COLLOQUIUM

There will be a Psychology Colloquium Wednesday, December 13th, at 4:30 p.m. in Room 209 Bivins Building. The speaker, Dr. Gardner Lindzey of the University of Minnesota, will speak on "The Mouse and Psychoanalysis." Coffee will be served at 4:00 p.m.

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will meet on Thursday, December 14th, at 12:30 p.m. in Room 116 Science Building. Mr. G. Mansfield-Jones will speak on "Some Ecological Problems on the Markagunt Plateau, Utah."

TERPSICHOREAN CONCERT

Terpsichorean will present "A Study in Movement" on Wednesday, December 13th, at 8:00 p.m. in Branson Hall. This program is the first of a series in which a lecture-demonstration followed by a dance will be utilized to highlight principles and techniques of modern dance. There will be no admission charge, and the public is invited. The program will be as follows:

Lecture-demonstration: "What is Movement?"

Lecturer: Jeanue Thompson

Dancers: Mia Bulgarin, Linda Eubank, Sandra Frederick, Katherine Kittelle

Dance: Alas for me! The more I seek my solitude,
the less of it

I find. Whenever I look for it, my
shadow looks with me.

Ferran

Music by Manuel de Falla, "Nights in the Gardens of Spain"

Seeker: Mia Bulgarin

Shadow: Jeanne Thompson (also, choreographer)

Tormentors: Linda Eubanks, Sandra Frederick, Katherine Kittelle

UNDERGRADUATE FACULTY COUNCIL MEETING

The Undergraduate Faculty Council will meet at 4:00 p.m. on Thursday, December 14th, in Room 208 Flowers Building.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Joseph Marion Garrison, Jr. for the Ph.D. degree in English will be held on Friday, December 15th, at 4:00 p.m. in the Conference Room, General Library. The subject of Mr. Garrison's dissertation is "John Burroughs as a Literary Critic: A Study Emphasizing His Treatment of Emerson, Whitman, Thoreau, Carlyle, and Arnold." The committee to conduct the examination consists of Professors Clarence Gohdes, Arlin Turner, Benjamin Boyce, C. R. Sanders, and Loring B. Walton. Professor Gohdes will preside.

ADVANCE NOTICE ARTISTS SERIES

The second concert of the 1961-62 Artist Series will be presented by the Philadelphia Orchestra, Eugene Ormandy, conducting, on Tuesday, January 9th, at 8:15 p.m. in the Indoor Stadium.

The program is as follows:

BRUCKNER Overture in G minor
MOZART Four German Dances

(a) The Canary
(b) Organ-Grinder
(c) Allegretto
(d) Sleigh Ride

HINDEMITH Symphonic Metamorphosis on
Themes by Weber

BRAHMS Symphony No. 4 in E minor

Reserved seat tickets are available at \$3.00, \$2.50, and \$2.00, with a \$.50 discount on reserved seat tickets purchased prior to the concert date. Unreserved seats are \$1.00. For tickets, come to Room 202-A Flowers Building, call 681-0111, extension 2911, or write Box KM, Duke Station. (Enclose a stamped, self-addressed envelope.)

ENGLISH DEPARTMENT LECTURE

Sponsored by the Department of English, Dr. Ian Gregor, Lecturer in English at the University of Edinburgh, will give a lecture on Friday, December 15th, at 8:00 p.m. in the Music Room, East Duke Building. Entitled "The Moral and the Story," his lecture will deal with the effect of the changing relationship between reader and writer on the moral structure of English fiction during the past hundred years. The public is invited.

FACULTY CLUB CHRISTMAS PARTY

The Faculty Club Christmas Party will be held in Cafeterias B and C on Saturday night, December 16th, beginning at 6:30 p.m. The place of assembly will be the Lounge of Flowers Building, where members of the faculty and their guests may check their wraps. From the invocation by Dr. Frank Baker to the closing carols, and including the menu, the theme of "Christmas in Merrie Olde England" will be followed. All the festivities will take place in the dining halls, concluding at approximately 9:30 p.m.

Members of the Faculty Club who have paid their \$3.50 dues are entitled to one ticket without further charge. They are also entitled to one guest ticket, for which the charge is \$3.00. All tickets, both for members and their guests, must be secured from the treasurer of the club, Mr. S. C. Harward, Room 308 Allen Building, prior to 5:00 p.m., Wednesday, December 13th. No reservations will be accepted after this date.

ADVANCE NOTICE

STUDENT UNION CHRISTMAS CAROLING

The Student Union will be hosts at a "Christmas Caroling" on Monday evening, December 18th, to which all members of the University Community are invited to participate. Beginning at 5:45 p.m. with a Christmas carillon concert by Donald L. Hand, University Carillonneur and continued by a brief concert on the University Chapel steps by the Bell Choir of the First Presbyterian Church at 6:15 p.m.

Large trucks will be stationed at the front of the University Chapel to take the assembled group to a tour of the faculty residential area adjoining the campus.

It is planned that the group will serenade President and Mrs. Hart and continue to the corner of Wrightwood and Dwire at approximately 7:15 p.m. and on to the corner of Woodburn and Dogwood Roads at 7:45 p.m. Families living in these areas are urged to come out and join the students in singing carols.

A Christmas party in the Ark will conclude the evening.

AAUW TEACHING GRANTS

A \$225,000 grant from the Rockefeller Brothers Fund is making it possible for the AAUW Educational Foundation to undertake on a demonstration basis a program of national significance. This project will relieve the acute shortage of qualified college faculty personnel by giving financial support to mature college women to prepare themselves for faculty positions.

A program of graduate study through which

mature college women may qualify themselves for teaching, research, or administration in higher education will be initiated in the graduate schools of eleven southern states over a three-year period. For further information and application blanks, write Eleanor F. Dolan, Staff Associate—Higher Education and Research, AAUW Educational Foundation, 2401 Virginia Avenue, N.W., Washington 7, D. C.

UNIVERSITY SPRING ACTIVITIES CALENDAR NOTICE

Announcements for the printed UNIVERSITY SPRING ACTIVITIES CALENDAR, compiled, published, and distributed by the Student Union's Special Service Committee at the beginning of each semester, must be in Room 202-A Flowers Building by Wednesday, December 20th, in order to be in the printer's hands for a February first release. Faculty and staff members scheduling events for the Spring Semester are urged to get their announcements in at once.

VACATION HOSPITALITY FOR FOREIGN STUDENTS

A number of foreign students will be on campus during the Christmas holidays and have indicated their desire to share in the holiday with a Durham family. Any faculty member who would like to entertain one or two students in his home sometime during this period is urged to call the Religious Life Office on East Campus, extension 2909. This project is sponsored by the Interfaith and Fellowship Committee of the University Religious Council.

ALICE M. BALDWIN SCHOLARSHIP FUND CHRISTMAS CARDS

The Woman's College Scholarship Committee announces the annual sale of the Alice M. Baldwin Scholarship Fund Christmas Cards for 1961. Four views of Duke campus are available: Duke Chapel Tower Snow Scene, Chapel Altar Sculptures, Woman's College Auditorium, and Duke Garden Bridge. The cards are available at the Alumni Office, 106 West Union Building, Dean Brinkley's office in East Duke Building, and other central points. Cards are \$1.00 for each package of ten. All proceeds go into the Scholarship Fund.

NOTICES FOR THE UNIVERSITY WEEKLY CALENDAR

Information to be published in the University Weekly Calendar for the periods of December 17th-20th and January 3rd-6th must be in Room 202-A Flowers Building by 1:00 p.m., Thursday, December 14th.

The Christmas recess will begin at 12:30 p.m. on Wednesday, December 20th, with classes resuming at 8:00 a.m. on Wednesday, January 3rd.

WEEK OF
Dec. 17-20, 1961-
Jan. 3-6 1962

CALENDAR

WEEK OF
Dec. 17-20, 1961-
Jan. 3-6, 1962

OF DUKE UNIVERSITY



Events of the Week

Sunday, December 17

- Denominational Meetings. See special notice.
- 10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.
- 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Dr. Joseph R. Sizoo, Chaplain, George Washington University. Sermon: "Religion in Depth." Broadcast over Radio Station WDNC and WDNC-FM.
- 7:30 a.m. "A Christmas Celebration: Scripture and Music." University Chapel.

Monday, December 18

- 2:45-4:15 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 3:30 p.m. The final examination of Mr. Madhu Sudan Lal Vaidya for the D.F. degree. Room 301 Social Science Building, West Campus.
- 4:00 p.m. Mathematics Seminar. Room 114 Physics Building. Speaker: Mr. Donald S. Burdick.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Tuesday, December 19

- 10:10 a.m. Divinity School Chapel Service. York Chapel. The Reverend Jackson Carroll, Methodist Chaplain of the University.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.

Wednesday, December 20

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Holy Communion, Professor James T. Cleland, Celebrant.
- 12:30 p.m. Christmas recess begins.

MERRY CHRISTMAS

AND

A HAPPY NEW YEAR

Wednesday, January 3

- 8:10 a.m. Classes are resumed.
- 10:10 a.m. Divinity School Chapel Service. York Chapel. Professor McMurry S. Richey.
- 4:00 p.m. Special Chemistry Seminar. Room 01 Chemistry Building Speaker: Dr. Anton Peterlin.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

4:15 p.m. Department of Botany Seminar. Room 123 Science Building. Speaker: Dr. Robert L. Wilbur.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:00 and 9:15 p.m. Quadrangle Pictures. Page Auditorium. "The Idiot" by Fyodor Dostoyevsky. Filmed in its entirety in Russia and dubbed in English. "A richly impressive picture!"—Post. "Robust drama!"—News. "Bold and exciting!"—New Yorker.

8:15 p.m. Varsity Basketball: Duke versus Pennsylvania State. Indoor Stadium.

Thursday, January 4

10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Robert Hultman.

12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:00-6:00 p.m. Graduate School Faculty Meeting. Room 208 Flowers Building.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, January 5

10:10 a.m. Divinity School Chapel Service. York Chapel. Covenant Service. Professor McMurry S. Richey.

12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.

1:00 p.m. Registration of ACC Debate Tournament. Flowers Lounge.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those 12 and under must be accompanied by their parents.

Saturday, January 6

1:00 p.m. Conclusion of A.C.C. Debate Tournament.

2:00 p.m. Student Union West Campus Bridge Tournament. Green Room, East Duke Building.

7:00 and 9:15 p.m. Quadrangle Pictures. Page Auditorium. "The Idiot" by Fyodor Dostoyevsky. Filmed in its entirety in Russia and dubbed in English. "A richly impressive picture!"—Post. "Robust drama!"—News. "Bold and exciting!"—New Yorker.

8:15 p.m. Varsity Basketball: Duke versus North Carolina State. Indoor Stadium. Candlelight Cabaret following game. Union Ballroom.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Joseph R. Sizoo, Chaplain to Presbyterian Students, will deliver the sermon at the University Service of Worship on Sunday, December 17th, at 11:00 a.m. in the University Chapel. His subject will be "Religion in Depth." The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister.

Prelude: "The Nativity"

Langlais

Call to Worship—"Fanfare for Christmas Day"

Martin Shaw

George F. Handel

Hymn—"Joy to the World!"

Prayer of Confession

Words of Assurance

The Lord's Prayer

Scripture—John 1:1-14

Hymn—"Silent Night, Holy Night"

Franz Gruber

Call to Worship

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"How Blest Are They" *Piotr Ilyitch Tchaikovsky*

Response—The Doxology

Prayer of Dedication

Sermon—"Religion in Depth"

Anthem—"The Hallelujah Chorus" from *The Messiah*

George F. Handel

Benediction

The Sevenfold Amen

Stainer

The Chimes

Postlude—"Wake, Wake A Voice is Calling"

Bach

WORSHIP SCHEDULE DURING CHRISTMAS RECESS

The next two Sundays, December 24th and 31st, fall within the academic Christmas recess. Accordingly, the regular University Service of Worship will not be conducted then. Instead, a half-hour service of Scripture readings, prayers, and organ music will be conducted on each of these two Sunday mornings, beginning at 11:00 a.m. Members of the University Community who remain on campus during the recess period are cordially invited to come to the University Chapel for these services.

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 6:30 P.M., Watts Street Baptist Church, Rev. Warren Carr, "A Theology of Sexuality." Monday, December 18, Christmas caroling at hospitals. Watch for time announcement. January 7, 2:30 P.M., Alexander Street, Groundbreaking Services for Baptist Student Center. All interested persons are urged to attend.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., Chapel Room, East Duke Building, East Campus.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 6:00 P.M., Episcopal Center, Christmas Party, buffet dinner (50¢ per person). Play—"Santa Claus" by E. E. Cummings.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., 2408 Priuce Street (home of Prof. and Mrs. Terry Johnson), Christmas Party. Wednesday,

7:15 and 8:00 A.M., Holy Communion in the Memorial Chapel of Duke Chapel.

METHODIST CENTER: Sunday, 9:30 A.M., Methodist Center, Study Seminars; 6:00 P.M., Methodist Center, Worship; 7:00 P.M., Forum, "The Christian Understanding of the End Time and the Present Nuclear Crisis," Dr. Thomas McCollough, Department of Religion. A dinner for Methodist freshmen will be held at the Methodist Center at 5:00 P.M. Sunday. Tuesday, 6:00 P.M., Holy Communion, followed by Christmas Party at the Methodist Center.

A CHRISTMAS CELEBRATION SCRIPTURE AND MUSIC

"A Christmas Celebration, Scripture and Music," will be presented Sunday evening, December 17th, at 7:30 in the University Chapel. Composed and presented last year for the first time, it is being presented again this year by popular request. Consisting of selections from the finest Christmas music, the most representative Scriptural recitals of Christmas, beloved carols, the melodies of organ and harp, the service of worship gives the prophecy of the coming of Jesus Christ, and the fulfillment of that prophecy. Choral music will be presented by the Men's Chorus and the Women's Chorus under the direction of Mr. William E. Waters, Assistant Director of Choral Activities.

The program follows:

I. Preparation and Prophecy

Candle Light Processional—"Hark, The Herald Angels Sing"
Invocation
Harp—"Pavane" *Sixteenth Century*
Scripture—Micah 5:2-4; Isaiah 40: 1-5, 9-11: 53:3-6
Cantata—"Rejoice, Beloved Christians!" *Buxtehude*
Christmas Carol—"O Come, O Come, Immanuel"

II. The Fulfillment

Scripture—Luke 2:1-7
Christmas Carol—"Gentle Mary Laid Her Child"
Scripture—Matthew 2:1-2, 11
Anthem—"Carol of the Drum" *Davis*
Offertory Music and the Receiving of the Offering
"The Sleep of the Infant Jesus" *Busser*
Violin, Cello, Harp, and Organ
Offertory Christmas Carol—"The First Noel"
Anthem—"Hodie Christus Natus Est" *Sweetinck*
Christmas Carol—"While Shepherds Watched"
Scripture—Luke 2:13-14
Anthem—"Ding Dong Merrily on High" *Arr. by Charles Wood*

Scripture—Luke 2:19-20
Anthem—"The Shepherd's Story" *Clarence Dickinson*
Harp—"Silent Night, Holy Night"
Choir Recessional—Organ music: "Adeste Fideles" *Adams*
Benediction
The Chimes

FINAL EXAMINATION FOR THE DOCTOR OF FORESTRY DEGREE

The final examination of Mr. Madhu Sudan Lal Vaidya for the D.F. degree will be held on Monday, December 18th, at 3:00 p.m. in Room 301 Social Science Building, West Campus. The subject of Mr. Vaidya's dissertation is "Dry Matter Production and Nutrient Accumulation in Plantations of Shortleaf Pine." The committee to conduct the examination

consists of Professors C. W. Ralston, P. J. Kramer, F. W. Woods, J. G. Osborne, and H. A. Strobel. Professor Ralston will preside.

MATHEMATICS SEMINAR

The Mathematics Seminar will meet on Monday, December 18th, at 4:00 p.m. in Room 114 Physics Building. The speaker will be Mr. Donald S. Burdick of Princeton University. His topic will be "Stage by Stage Modification of Polynominal Estimators by the Jackknife Method."

Coffee will be served at 3:30 p.m. in Room 132.

SPECIAL CHEMISTRY SEMINAR

The third in a series of special chemistry seminars will be held on Wednesday, January 3rd, at 4:00 p.m. in Room 01 Chemistry Building. Dr. Anton Peterlin will continue on the topic, "Small Angle X-ray Scattering of Polymer Systems." The fourth and final seminar will be held on Wednesday, January 10th.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, January 3rd, at 4:15 p.m. in Room 123 Science Building, East Campus. Dr. Robert L. Wilbur of the Botany Department will speak on "Mark Catesby's Botany."

Dr. Wilbur obtained his A.B. and A.M. degrees at Duke and the Ph.D. degree at the University of Michigan. He taught at the University of Georgia and North Carolina State College before joining the staff at Duke. Dr. Wilbur has carried out revisional studies on *Sabatia* and *Amorpha* and has recently completed a manual of the *Legumes* of North Carolina; he is currently engaged in revisional studies of the *Rubiaceae*.

Tea and coffee will be served at 4:00 p.m.

GRADUATE SCHOOL FACULTY MEETING

The Graduate School Faculty will meet on Thursday, January 4th, in Room 208 Flowers Building from 4:00-6:00 p.m.

A.C.C. DEBATE TOURNAMENT

The Duke University Debate Council will be hosts to the Atlantic Coast Conference Debate Tournament on Friday, January 5th, and Saturday, January 6th. Headquarters for the tournament will be Flowers Lounge with registration beginning at 1:00 p.m.

Participating in the tournament with Duke will be the University of South Carolina, University of North Carolina, University of Virginia, University of Maryland, Wake Forest College, and, as special participant, Washington and Lee University.

QUADRANGLE PICTURES SCHEDULE

Quadrangle Pictures will be closed from Wednesday, December 20th, through Saturday, December 30th, for the Christmas recess. It will re-open on Wednesday, January 3rd, with "The Idiot."

LIBRARY SCHEDULES FOR CHRISTMAS RECESS

During the Christmas recess the General Library and the Woman's College Library will be open and operating according to the following schedule:

General Library

Wednesday, December 20	8:00 a.m.-5:00 p.m.
Thursday, December 21	} 9:00 a.m.-5:00 p.m.
Friday, December 22	
Saturday, December 23	9:00 a.m.-1:00 p.m.
Sunday, December 24	} Closed
Monday, December 25	
Tuesday-Friday	
December 26-29	9:00 a.m.-5:00 p.m.
Saturday, December 30	9:00 a.m.-1:00 p.m.
Sunday, December 31	} Closed
Monday, January 1	
Tuesday, January 2	9:00 a.m.-5:00 p.m.
Wednesday, January 3	Resume Regular Schedule

Woman's College Library

Wednesday, December 20	8:00 a.m.-5:00 p.m.
Thursday, December 21	} 9:00 a.m.-5:00 p.m.
Friday, December 22	
Saturday, December 23	9:00 a.m.-1:00 p.m.
Sunday, December 24	Closed
Monday, January 1	
Tuesday, January 2	9:00 a.m.-5:00 p.m.
Wednesday, January 3	Resume Regular Schedule

Schedules for school, college, and departmental libraries will be posted in those libraries.

ADVANCE NOTICE ARTISTS SERIES

The second concert of the 1961-62 Artists Series will be presented by the Philadelphia Orchestra, Eugene Ormandy, conducting, on Tuesday, January 9th, at 8:15 p.m. in the Indoor Stadium.

The program follows:

Overture in G minor	<i>Bruckner</i>
Four German Dances	<i>Mozart</i>
(a) The Canary	
(b) Organ-Grinder	
(c) Allegretto	
(d) Sleigh Ride	
Symphonic Metamorphosis on	<i>Hindemith</i>
Themes by Weber	
Symphony No. 4 in E minor	<i>Brahms</i>

Reserved seat tickets are available at \$3.00, \$2.50, and \$2.00, with a \$.50 discount on reserved seat tickets purchased prior to the concert date. Unreserved seats are \$1.00. For tickets, come to Room 202-A Flowers Building, call 681-0111, extension 2911, or write Box KM, Duke Station. (Enclose a stamped, self-addressed envelope.)

Please note that tickets priced at \$2.50 and \$2.00 are available for the remaining concerts:

The Robert Shaw Chorale and Orchestra	Thursday, February 1
Leon Fleisher, Pianist	Tuesday, February 20
Elisabeth Schwarzkopf, Soprano	Friday, March 9

VACATION HOSPITALITY FOR FOREIGN STUDENTS

A number of foreign students will be on campus during the Christmas holidays and have indicated their desire to share in the holiday with a Durham family. Any faculty member who would like to entertain one or two students in his home sometime dur-

ing this period is urged to call the Religious Life Office on East Campus, extension 2909. This project is sponsored by the Interfaith and Fellowship Committee of the University Religious Council.

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Announcements for the printed UNIVERSITY SPRING ACTIVITIES CALENDAR, compiled, published, and distributed by the Student Union's Special Service Committee at the beginning of each semester, must be in Room 202-A Flowers Building by Wednesday, December 20th, in order to be in the printer's hands for a February first release. Faculty and staff members scheduling events for the Spring Semester are urged to get their announcements in at once.

ALICE M. BALDWIN SCHOLARSHIP FUND CHRISTMAS CARDS

The Woman's College Scholarship Committee announces the annual sale of the Alice M. Baldwin Scholarship Fund Christmas Cards for 1961. Four views of Duke campus are available: Duke Chapel Tower Snow Scene, Chapel Altar Sculptures, Woman's College Auditorium, and Duke Garden Bridge. The cards are available at the Alumni Office, 106 West Union Building, Dean Brinkley's office in East Duke Building, and other central points. Cards are \$1.00 for each package of ten. All proceeds go into the Scholarship Fund.

STUDENT UNION CHRISTMAS CAROLING

The Student Union will be hosts at a "Christmas Caroling" on Monday evening, December 18th, to which all members of the University Community are invited to participate. Beginning at 5:45 p.m. with a Christmas carillon concert by Donald L. Hand, University Carillonneur and continued by a brief concert on the University Chapel steps by the Bell Choir of the First Presbyterian Church at 6:15 p.m.

Large trucks will be stationed at the front of the University Chapel to take the assembled group to a tour of the faculty residential area adjoining the campus.

It is planned that the group will serenade President and Mrs. Hart and continue to the corner of Wrightwood and Dwire at approximately 7:15 p.m. and on to the corner of Woodburn and Dogwood Roads at 7:45 p.m. Families living in these areas are urged to come out and join the students in singing carols.

A Christmas party in the Ark will conclude the evening.

NOTICES FOR THE UNIVERSITY WEEKLY CALENDAR

Information to be published in the University Weekly Calendar for the week of January 7th-13th should be submitted to Room 202-A Flowers Building by 1:00 p.m. on Thursday, January 4th. Please note that this Calendar covers the period following resumption of classes, January 3rd-6th, and the regular schedule will begin January 4th.

WEEK OF
Jan. 7-13, 1962

CALENDAR

WEEK OF
Jan. 7-13, 1962

OF
DUKE UNIVERSITY



Events of the Week

Sunday, January 7

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Dr. Creighton Lacy, Associate Professor of Missions and Social Ethics, Divinity School. Sermon: "Therefore Choose Life." Broadcast over Radio Station WDNC and WDNC-FM.

2:30 p.m. Ground Breaking Ceremonies of Baptist Student Center. Alexander Street.

4:00 p.m. Music for Organ and Strings. Guest Organist: Ernest White. Director: Allan H. Bone. Woman's College Auditorium.

Monday, January 8

2:30 p.m. The Final Examination of Mr. Dick L. George for the Ph.D. Degree in Mathematics. Conference Room, Room 219 Physics Building.

2:45-4:15 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:15 p.m. Zoology Seminar. Room 113 Biology Building. Speaker: Dr. S. R. Galler.

4:30 p.m. Duke University Fallout Preparedness Committee Meeting. Trustee Boardroom, Allen Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

6:00 p.m. Graduate Religious Life Group Meeting. Men's Graduate Center. Speaker: Dr. Thomas Cordle.

8:00 p.m. Duke University Nursery School Parents Meeting. Bivins Building.

8:00 p.m. Erasmus Club Meeting. Green Room, East Duke Building. Speaker: Dr. Robert Crane.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

8:15 p.m. Mary Duke Biddle Foundation Music Lecture: Dr. William Schuman, composer. Page Auditorium. (Open reception following address. Flowers Lounge.)

Tuesday, January 9

9:30-10:15 a.m. Philadelphia Orchestra Brass Quintet in public program. Woman's College Auditorium.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 10:10 a.m. Divinity School Chapel Service. York Chapel. The Reverend William Finlator, Pastor, Pullens Memorial Baptist Church, Raleigh, North Carolina.
- 2:30 p.m. Philadelphia Orchestra Woodwind Quintet in public program. Woman's College Auditorium.
- 3:00 p.m. Campus Club Guest Tea. University House.
- 4:00 p.m. Mathematics Seminar. Room 114 Physics Building. Speaker: Mr. Robert M. McConnell.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:00 p.m. Gerontology Seminar. Room 208 Flowers Building. Speaker: Dr. Bernard Kutner.
- 5:00 p.m. Executive Committee Meeting of the University Religious Council. Office of the Chaplain, University Chapel.
- 8:15 p.m. Artists Series: Philadelphia Symphony Orchestra. Eugene Ormandy, conducting. Indoor Stadium.

Wednesday, January 10

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Professor M. Wilson Nesbitt.
- 4:00 p.m. Special Chemistry Seminar. Room 01 Chemistry Building. Speaker: Dr. Anton Peterlin.
- 4:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 114 Physics Building. Speaker: Dr. A. Brooks Harris.
- 4:15 p.m. Botany Seminar. Room 123 Science Building, East Campus. Speaker: Dr. Roger McVaugh.
- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Jacob L. Gewirtz.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:30 p.m. Cabot Society Meeting. Men's Graduate Center. Speaker: Dr. Waldo Beach.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:15 p.m. Quadrangle Pictures. Page Auditorium. "The Idiot" by Fyodor Dostoyevsky. Filmed in its entirety in Russia and dubbed in English. "A richly impressive picture!"—Post. "Robust drama!"—News. "Bold and exciting!"—New Yorker.
- 7:30-10:00 p.m. Student Union Bridge Club. Green Room, East Duke Building.

Thursday, January 11

- 10:00 a.m.-12:00 noon Newcomers Club Coffee. University House. Speaker: Professor Allan Bone.

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Frank Berry.
- 12:30 p.m. Plant Ecology Seminar. Room 116 Science Building. Speaker: Mr. Bruce Welch.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:00 p.m. Undergraduate Faculty Meeting. Room 208 Flowers Building.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 5:30 p.m. Trinity College Historical Society Dinner Meeting. Men's Graduate Center. Speaker: Professor Piers Mackesy.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty Children will be admitted only when accompanied by their parents.

Friday, January 12

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Holy Communion. Professor M. Wilson Nesbitt, Celebrant.
- 12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.
- 4:00 p.m. Chemistry Staff Seminar. Room 01 Chemistry Building. Speaker: Dr. Robert C. Krug.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.

Saturday, January 13

- 10:00 a.m. The final examination of Mr. David Allen Lacy, III for the Ph.D. degree in Religion. Library Conference Room (No. 103).
- 12:30 p.m. Fall semester classes end.
- 2:00 p.m. Student Union West Bridge Tournament. Green Room, East Duke Building.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Kind Hearts and Coronets" with Alec Guinness, Dennis Price, Valerie Hobson, and Joan Greenwood. J. Arthur Rank's classic film with "Guinness playing 8 parts to perfection."—Daily News. "Delicious satire. Guinness plays with devastating wit and variety!"—Times.
- 8:15 p.m. Varsity Basketball: Duke versus Maryland. Indoor Stadium. Student Union Candlelight Cabaret following game. Union Ballroom.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Creighton Lacy, Associate Professor of Missions and Social Ethics, The Divinity School, will deliver the sermon at the University Service of Worship on Sunday, January 7th, at 11:00 a.m. in the University Chapel. His subject will be "Therefore Choose Life." The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister

Organ Prelude—Three Chorale Preludes *Brahms*
Call to Worship—"Sanctus" from Mass II *Hassler*
Hymn—"Sing to the Great Jehovah's Praise"
Felix Mendelssohn-Bartholdy

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"How Blest Are They" *Piotr Tchaikovsky*

Scripture—Deuteronomy 29:2-4, 10-15, 29; 30:11-20

Hymn—"O God, Our Help in Ages Past" *William Croft*

Call to Worship

The Pastoral Prayer of Adoration, Thanksgiving, Intercession,
Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem—"How Blest Art They" *Piotr Tchaikovsky*

Response—The Doxology

Prayer of Dedication

Sermon—"Therefore Choose Life"

Prayer

Benediction

The Sevenfold Amen *Stainer*

The Chimes

Organ Postlude—Fugue in F minor *Bach*

GROUND BREAKING CEREMONIES BAPTIST STUDENT UNION

The University Community is invited to attend groundbreaking ceremonies on Sunday afternoon, January 7th, at 2:30 p.m. for the proposed new Baptist Student Center on Alexander Street, directly in front of the Episcopal Student Center. The University welcomes this new facility in the religious life program.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Dick L. George for the Ph.D. degree in Mathematics will be held on Monday, January 8th, at 2:30 p.m. in the Conference Room, Room 219 Physics Building. The subject of Mr. George's dissertation is "Boussinesq's Problem for a Heated Punch." The committee to conduct the examination consists of Professors J. J. Gergen, L. Carlitz, F. G. Dressel, J. H. Roberts, and J. C. Poirier. Professor Gergen will preside.

MUSIC FOR ORGAN AND STRINGS

On Sunday, January 7th, the Department of Music will present a program for organ and strings, Allan H. Bone, conducting, featuring Ernest White, organist, at 4:00 p.m. in the Woman's College Auditorium. Mr. White is formerly organist and musical director of St. Mary the Virgin, New York City, and is presently tonal consultant for the Moeller Organ Manufacturing Company of Hagerstown, Maryland. This program is presented as public acknowledgment of the gift of the Woman's College Auditorium organ by Mrs. Wilbur N. Cooper (Alyse Smith), A.B. '30, of Burlington, North Carolina. The public is cordially invited. The program will be as follows:

Five Sonatas for Organ and Strings *Mozart*

No. 15 in C Major, (Kochel 336)

No. 1 in E-Flat, (Kochel 67)

No. 13 in C Major, (Kochel 328)

No. 9 in F Major, (Kochel 244)

No. 4 in D Major, (Kochel 144)

Music by pre-Bach composers (solo organ)

Intermission

Concerto No. 1 for Organ and Orchestra *Handel*

Larghetto, e staccato

Allegro

Andante

Larghetto for Violin and String Orchestra *Handel*
arranged by Hubay

Aria from Cantata No. 57: Ich ende behende mein
irdisches Leben *J. S. Bach*

Tenor, Solo Violin and Organ

Aria from Cantata No. 186: Die Armen will der

Herr umarmen *J. S. Bach*

Tenor, Unison Violins, Organ

Concerto No. 5 for Organ and Orchestra *Handel*

Larghetto

Allegro

Alla Siciliana

Presto

FALLOUT PREPAREDNESS COMMITTEE MEETING

The Fallout Preparedness Committee will meet on Monday, January 8th, at 4:30 p.m. in the Trustee Boardroom, Allen Building. All members are urged to be present.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, January 8th, in Room 113 Biology Building at 4:15 p.m. Dr. S. R. Galler, Office of Naval Research, will speak on "Current Trends in Marine Biological Research." Coffee and tea will be served at 4:00 p.m.

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 2:30 P.M., Ground breaking service for the new Baptist Student Center on Alexander Street (across from the Episcopal Student Center). All interested persons are invited to attend. 6:30 P.M., Watts Street Baptist Church, continuing study on "Christianity and Personality Development." Wednesday, 6:15 P.M., The Ark, East Campus, General Meeting—Rides leave West circle at 6:00. Friday, 4:40 P.M., Seminar, reading of Auden's "For the Time Being."

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Holy Communion; 6:30 P.M., Evensong. Wednesday, 7:10 A.M. and 5:00 P.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Green Room, East Duke Bldg., Study group of "Noise of Solemn Assemblies." Wednesday, 7:15 and 8:00 A.M., Holy Communion, Memorial Chapel of Duke Chapel.

METHODIST CENTER: Sunday, 9:30 A.M., Methodist Center, Study Seminars; 5:00 P.M., Snack supper (35¢); 6:00 P.M., Worship, Carroll Starling, Preacher. Wednesday, 6:00 P.M., Holy Communion at the Center.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 6:30 P.M., New Presbyterian Student Center, Westminster Fellowship Vespers and Program. 9:30 A.M., Sunday School, 208 Flowers Building.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., Chapel Room, East Duke Building, East Campus.

GRADUATE RELIGIOUS LIFE GROUP MEETING

A meeting of the Graduate Religious Life Group will be held on Monday, January 8th in a private dining room of the Men's Graduate Center for the purpose of hearing Dr. Thomas Cordle, Associate Professor of Romance Languages, speak on the topic "The Image of Man in Contemporary French Existentialist Literature." This program is one in a series of programs being offered this academic year on "The Image of Man," under the auspices of the Graduate Religious Life Group of the Duke University Religious Council. All interested persons are cordially invited to attend. Each person is asked to go through the cafeteria line and bring his tray to the dining room indicated by 6:00 p.m.

MATHEMATICS SEMINAR

The Mathematics Seminar will meet on Tuesday, January 9, at 4 p.m. in Room 114 Physics Building. Mr. Robert M. McConnell will speak on "Permutation Polynomials over a Finite Field." Coffee will be served in Room 132 at 3:30 p.m.

DUKE NURSERY SCHOOL PARENTS MEETING

The Duke University Nursery School Parents will meet Monday night, January 8th, at 8:00 in Bivins Building. The program topic will be "The Role of the Child in the Family."

ERASMUS CLUB MEETING

The Erasmus Club will meet at 8:00 p.m. on Monday, January 8th, in the Green Room, East Duke Building. The speaker will be Professor Robert Crane of the Department of History, who will speak on "Problems in the Interpretation of Indian Nationalism."

MUSIC DEPARTMENT SPECIAL PROGRAMS

On Monday, January 8th and Tuesday, January 9th, the Department of Music, under the auspices of the Mary Duke Biddle Foundation, will have as its guests Dr. William Schuman of New York City and the Philadelphia Brass and Woodwind Quintets. Dr. Schuman, an outstanding American composer, is President of the Lincoln Center for the Performing Arts in New York City and President Emeritus of the Juilliard School of Music. On Monday he will speak informally at a luncheon of Duke administrative officials and invited guests and will deliver at 8:15 p.m. in Page Auditorium a lecture to which the public is cordially invited entitled, "On Being An American Composer." An informal reception in the Lounge of Flowers Building will follow.

On Tuesday, January 9th, Dr. Schuman and the Philadelphia Brass and Woodwind Quintets will participate in an all-day Conference for Band and Orchestra Directors culminating in the Artists Series concert by the Philadelphia Orchestra, Eugene Ormandy conducting. Dr. Schuman will speak at a luncheon on the topic, "On Music Education Today." On Tuesday morning the Brass Quintet will present a public program from 9:30-10:15 in the Woman's College Auditorium followed by two clinic sessions during which each instrumentalist will discuss the pedagogy of his instrument. On Tuesday afternoon the Woodwind Quintet will present a program from 2:30-3:15 in the Woman's College Auditorium followed by two clinic sessions. The public is cordially invited to attend these programs and clinics.

U.R.C. EXECUTIVE COMMITTEE MEETING

The Executive Committee of the Duke University Religious Council will meet Tuesday, January 9th, at 5:00 p.m. in the office of the Chaplain to the University. This meeting was scheduled one week in advance of the regular meeting time, owing to the proximity of the regular date to final examinations.

CAMPUS CLUB GUEST DAY TEA

The Campus Club will entertain at its annual "Guest Day Tea" on Tuesday, January 9th, at the University House from 3:00 until 5:00 in the afternoon. Each Campus Club member is encouraged to invite a Durham friend to the tea. "Guest Tea in a Scottish Setting" is to be the theme for the afternoon exhibit, with Mrs. James T. Cleland as Arrangements Chairman.

Mrs. Loring B. Walton will serve as General Chairman of the Hostess Committee, which is comprised of the wives of members of the Departments of German, Greek, Latin, Romance Languages, and Russian. The tea table will feature delicacies from the various countries represented by the hostess departments.

GERONTOLOGY SEMINAR

The Council on Gerontology extends a cordial invitation to interested persons to attend an open seminar on "Aging and Disability," to be held on Tuesday, January 9th, at 5:00 p.m. in Room 208 Flowers Building. Speaking will be Dr. Bernard Kutner, Associate Professor of Preventive, Environmental, and Rehabilitation Medicine, Albert Einstein College of Medicine, Yeshiva University and author of "Five Hundred over Sixty: A Community Survey on Aging."

ARTISTS SERIES PHILADELPHIA ORCHESTRA

The second concert of the 1961-62 Artists Series will be presented by the Philadelphia Orchestra, Eugene Ormandy, conducting, on Tuesday, January 9th, at 8:15 p.m. in the Indoor Stadium.

The program follows:

Overture in G minor	<i>Bruckner</i>
Four German Dances	<i>Mozart</i>
(a) The Canary	
(b) Organ-Grinder	
(c) Allegretto	
(d) Sleigh Ride	
Symphonic Metamorphosis on	<i>Hindemith</i>
Themes by Weber	
Symphony No. 4 in E minor	<i>Brahms</i>

Reserved seat tickets are available at \$2.50, and \$2.00, with a \$.50 discount on reserved seat tickets purchased prior to the concert date. Unreserved seats are \$1.00. For tickets, come to Room 202-A Flowers Building, call 681-0111, extension 2911.

Please note that tickets priced at \$2.50 and \$2.00 are available for the remaining concerts:

The Robert Shaw Chorale and Orchestra	Thursday, February 1
Leon Fleisher, Pianist	Tuesday, February 20
Elisabeth Schwarzkopf, Soprano	Friday, March 9

SPECIAL CHEMISTRY SEMINAR

The final in a series of special Chemistry Seminars will be held on Wednesday, January 10th, at 4:00 p.m. in Room 01 Chemistry Building. Dr. Anton Peterlin will continue on the topic, "Small Angle X-ray Scattering of Polymer Systems."

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The Joint Duke U.N.C. Physics Colloquium will meet Wednesday, January 10th, at 4:00 p.m. in Room 114 Physics Building. The speaker will be Dr. A. Brooks Harris; his topic is "Exchange Interactions in Ferromagnetic and Ferrimagnetic Compounds."

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, January 10th, at 4:15 p.m. in Room 123 Science Building. Dr. Rogers McVaugh, Professor of Botany, University of Michigan, will speak on "Plant Taxonomy from the Pre-Cambrian to the Age of Space." A native of upper New York State, Dr. McVaugh received his A.B. degree from Swarthmore and the Ph.D. degree from the University of Pennsylvania. Before going to Michigan, he held positions at the University of Georgia and the Division of Plant Exploration and Introduction of the Bureau of Plant Industry at Beltsville. One of the leading contemporary systematic botanists, Dr. McVaugh has published significant revisional studies in the Lobeliaceae, Euphorbiaceae, Rosaceae, and Myrtaceae. In addition, he has done definitive floristic research on granitic rock outcrops in the southeastern United States and is currently engaged in extensive floristic studies in preparation of a flora of Jalisco, Mexico.

Tea and coffee will be served at 4:00 p.m.

PSYCHOLOGY COLLOQUIUM

The Psychology Colloquium will be held on Wednesday, January 10th, at 4:30 p.m. in Room 209 Bivins Building. Dr. Jacob L. Gewirtz of the National Institute of Mental Health will speak on "The Impact of the Social Environment on Behavior and Learning." Coffee will be served at 4:00 p.m.

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will meet on Thursday, January 11th, at 12:30 p.m. in Room 116 Science Building. Mr. Bruce Welch will speak on "Speculations Concerning the Energetics of Developmental Phenomena and Diversification in Biology."

CABOT SOCIETY MEETING

Wednesday evening, January 10th, the Cabot Society will meet in the Men's Graduate Center in a private dining room for the purpose of hearing Dr. Waldo Beach, Professor of Christian Ethics in the Divinity School, speak on the topic, "Medical Ethics." All students in the Medical School, the School of Nursing, and the Department of Physical Therapy, are cordially invited to attend. They should go through the cafeteria line and bring their trays to the dining room indicated by 5:30 p.m.

UNDERGRADUATE FACULTY COUNCIL MEETING

The Undergraduate Faculty Council will meet at 4:00 p.m. on Thursday, January 11th, in Room 208 Flowers Building.

TRINITY COLLEGE HISTORICAL SOCIETY MEETING

The Trinity College Historical Society will hold its January dinner meeting on Thursday, January 11th, at 5:30 p.m. in the Private Dining Room, Men's Graduate Center. The British historian, Piers Gerald Mackesy, will speak on "Lord George Germain and the American War of Independence." Lecturer in Modern History at Oxford University, Piers Mackesy is currently in America as a Fellow of the Institute for Advanced Study at Princeton University. He is

the author of *The War in the Mediterranean, 1803-1810*, and is presently finishing a book on the American War of Independence while doing research for a volume on European International Relations, 1789-1848, for the Oxford History of Modern Europe.

Members are requested to use the regular cafeteria facilities and proceed to the Private Dining Room. An especial invitation is extended to all wives to attend this meeting.

CHEMISTRY STAFF SEMINAR

Dr. Robert C. Krug, Chairman of the Department of Chemistry, Virginia Polytechnic Institute, will speak at the Chemistry Staff Seminar on Friday, January 12th, in Room 01 Chemistry Building at 4:00 p.m. Dr. Krug will speak on "Unsaturated Cyclic Sulfones." All interested persons are invited.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. David Allen Lacy, III for the Ph.D. degree in Religion will be held on Saturday, January 13th, at 10:00 a.m. in the Library Conference Room (No. 103). The subject of Mr. Lacy's dissertation is "Miguel de Unamuno: Studies in Logic and Existence." The committee to conduct the examination consists of Professors William H. Poteat, Waldo Beach, Stuart Henry, Hans Hillerbrand, and Herman D. Salinger. Professor Poteat will preside.

WEEK OF

Jan. 14-20, 1962

WEEK OF

Jan. 14-20, 1962

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, January 14

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Dr. Joseph Sittler, Professor of Theology, the Divinity School, University of Chicago. Sermon: "The Care of the Earth." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, January 15

2:30 p.m. The final examination of Mr. James Rogers Rusk for the Ph.D. degree in Physics. Room 218 Physics Building.

2:45-4:15 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

Tuesday, January 16

Final examinations begin.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

Wednesday, January 17

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Kind Hearts and Coronets," with Alec Guinness, Dennis Price, Valerie Hobson, and Joan Greenwood. "Delicious satire. Guinness plays with devastating wit and variety!"—Times. "Alec Guinness plays 8 parts to perfection."—News "Excellent. One of the treasures of the Cinema."—Post

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

Thursday, January 18

- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:00-5:30 p.m. Undergraduate Faculty Council Meeting. Room 208 Flowers Building.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, January 19

- 12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those 12 and under must be accompanied by their mothers.

Saturday, January 20

- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Kind Hearts and Coronets," with Alec Guinness, Dennis Price, Valerie Hobson, and Joan Greenwood. "Delicious satire. Guinness plays with devastating wit and variety!"—Times. "Alec Guinness plays 8 parts to perfection."—News "Excellent. One of the treasures of the Cinema."—Post
- 8:15 p.m. Chamber Arts Society: The Hungarian Quartet. Music Room, East Duke Building.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Joseph Sittler, Professor of Theology, The Divinity School, University of Chicago, will deliver the sermon at the University Service of Worship on Sunday, January 14th, at 11:00 a.m. in the University Chapel. His subject will be "The Care of the Earth." The order of service follows:

The Reverend Professor James T. Cleland, Dean of the Chapel, Presiding Minister

Organ Preludes—Credo in Unum Deum *Titcomb*
Chaconne *Buxtehude*

Call to Worship—"Sanctus" from Mass II *Hassler*
Hymn—"Holy, Holy, Holy!" *John B. Dykes*
Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"O Praise the Lord"

Giuseppe Moschetti

Scripture—Psalm 104:1-5, 31-35

Hymn—"For the Beauty of the Earth"

Conrad Kocher

Call to Worship

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Happy and Blest Are They" *Felix Mendelssohn*

Response—The Doxology

Prayer of Dedication

Sermon—"The Care of the Earth"

Prayer

Benediction

The Sevenfold Amen

Stainer

The Chimes

Organ Postlude—Grave from the Fantasia in G

Bach

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 6:30 P.M., Watts Street Baptist Church, Christianity and Personality Development.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., Chapel Room, East Duke Building, East Campus.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Green Room, East Duke Building, Devotions and Program Planning. Wednesday, 7:15 and 8:00 A.M., Holy Communion, Memorial Chapel of Duke Chapel.

METHODIST STUDENT FELLOWSHIP: Sunday, 5:00 P.M., Methodist Center, Snack supper (35¢); 6:00 P.M., Worship. Wednesday, 6:00 P.M., Holy Communion. There will be no study groups during the exam period. Registration for next semester's study groups should be made now. Call the Center (286-9230) or come by for a list of course offering.—The State MSM Conference will be held January 26-28 at High Point. Main speaker will be Dr. Jameson Jones. An exciting contemporary drama, "Amos," will be presented. Cost will be \$7.50. Register now at the Methodist Center.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 9:30 A.M., Sunday School Class on Campus, 208 Flowers Building; 6:30 P.M., Presbyterian Student Center, Service of Holy Communion. Any students interested in going on the Between Semesters Retreat at Montreat Saturday, January 27-Tuesday, January 30, contact the Presbyterian Chaplain: tel. 286-9534.

**FINAL EXAMINATION
FOR THE PH.D. DEGREE**

The final examination of Mr. James Rogers Rusk for the Ph.D. degree in Physics will be held on Monday, January 15th, at 2:30 p.m. in Room 218 Physics Building. The subject of Mr. Rusk's dissertation is "Millimeter Wave Spectroscopy of the Alkali Halides in High Temperature Molecular Beams." The committee to conduct the examination consists of Professors Walter Gordy, Henry W. Newton, R. M. Williamson, H. Sponer, and T. M. Gallie. Professor Gordy will preside.

UNDERGRADUATE FACULTY MEETING

The Undergraduate Faculty Council will meet on Thursday, January 18, from 4 o'clock to 5:30 p.m. in Room 208 Flowers Building.

**CHAMBER ARTS SOCIETY
HUNGARIAN QUARTET**

The Chamber Arts Society announces the fourth concert of its season, to be played by the Hungarian Quartet on Saturday, January 20th, in the Music Room, East Duke Building at 8:15 p.m. The musicians are Zoltan Szekely and Michael Kuttner (Violins), Denes Koromzay (Viola), and Gabriel Magyar (Cello).

The program follows:

Quartet in G major, Opus 18, No. 2	<i>Beethoven</i>
Quartet No. 1	<i>Piston</i>
Quartet in G major, Opus 161	<i>Schubert</i>

Other chamber music concerts scheduled this season include:

February 17 (Saturday)	Duo Doktor-Menuhin (Viola-Piano)
April 14 (Saturday)	New York String Sextet

Admission to concerts is by Membership Card or Guest Card. Guest Card for single admission to any one concert will cost \$2.50. Seventy Guest Cards are available for each concert; they may be obtained at the door of the Music Room from 7:30 to 8:00 p.m. on concert evenings. For information as to the Society, programs, etc., write to Chamber Arts Society, c/o Ernest W. Nelson, Box 6065, College Station, Durham, N. C.

WEEK OF
Jan. 21-27, 1962

CALENDAR

WEEK OF
Jan. 21-27, 1962

OF

DUKE UNIVERSITY



Events of the Week

Sunday, January 21

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "Therefore and Because." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, January 22

2:45-4:15 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

Tuesday, January 23

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

8:00 p.m. American Chemical Society Meeting—N. C. Section. Room 116 Chemistry Building. Speaker: Dr. Mary L. Willard.

Wednesday, January 24

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

Thursday, January 25

12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, January 26

12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Asbury Auditorium.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages six-sixteen, may also swim; those twelve and under must be accompanied by their mothers.

Saturday, January 27

2:00 p.m. Varsity Basketball: Duke versus Wake Forest College. Indoor Stadium. Televised Game.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor James T. Cleland, Dean of the Chapel, will deliver the sermon at the University Service of Worship on Sunday, January 21st, at 11:00 a.m. in the University Chapel. His subject will be "Therefore and Because." The order of service follows:

The Reverend Robert P. Hyatt, Associate Director of Religious Life, West Campus, Presiding Minister.
Organ Prelude—Prelude, Fugue and Variation *Franck*
Call to Worship—"Sanctus" from Mass II *Hassler*
Hymn—"O My Soul, Bless God, the Father" *from Psalmodia Sacra*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Hear My Prayer, O God" (Ave Maria)

Jacob Arcadelt

Scripture—Ephesians 3:14-4:6

Hymn—"O Will of God Beneath Our Life" *Jeremiah Clark*

Call to Worship

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition, and Dedication.

The Offering

Offertory Organ Interlude

Anthem—"Lo, A Voice to Heaven Sounding"

Dimitri Bortniansky

Response—The Doxology

Prayer of Dedication

Sermon—"Therefore and Because"

Prayer

Benediction

The Sevenfold Amen

Stainer

The Chimes

Organ Postlude—Toccata in E flat

Saint-Saens

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Wednesday, January 31, 6:15 P.M., The Ark, Resumption of general meeting.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., Chapel Room, East Duke Building, East Campus.

LUTHERAN STUDENT ASSOCIATION: Will not meet this week or next. Holy Communion will be celebrated **Wednesday, January 27** at 7:15 and 8:00 A.M. in the Memorial Chapel of Duke Chapel (but not the following week).

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Episcopal Center, Holy Communion; 6:30, Episcopal Center, Evensong. **Wednesday, 7:10 A.M.** and 5:00 P.M., Holy Communion. **Monday, Tuesday** and **Wednesday, 5:00 P.M.**, prayers for Christian unity.

METHODIST STUDENT FELLOWSHIP: Sunday, 5:00 P.M., Methodist Center. Snack Supper; 6:00 P.M., Methodist Center, Worship. **Wednesday, 6:00**, Holy Communion. Dr. M. O. Williams, Secretary of Missionary Personnel of the Methodist Church will be available for interviews with students interested in short time or full time service with the Board of Missions on February 5th at the Methodist Center. Please call or come by the Methodist Center for an appointment (telephone no: 286-9230).

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Westminster Fellowship Between Semesters Mountain Retreat, Saturday, January 27-Tuesday, January 30. Interested persons contact the Presbyterian Chaplain.

UNITARIAN FELLOWSHIP: Sunday, 7:30 P.M., at the home of Dr. Henry W. Newson, 1111 N. Gregson Street, "The Danger of Preaching from the Bible" by A. Powell Davies—a recording. Cars for students will leave both campuses at 7:15 P.M.

AMERICAN CHEMICAL SOCIETY MEETING

The North Carolina Section of the American Chemical Society will meet at 8:00 p.m. on Tuesday, January 23rd, in Room 116 Chemistry Building. Speaking will be Dr. Mary L. Willard, Department of Chemistry, Pennsylvania State University. Her topic will be "Criminalistics."

FIRST ANNUAL SOUTHEAST REGIONAL CONFERENCE ON ASIA

The First Annual Southeast Regional Conference on Asia will bring to the campus, January 26th-27th, approximately fifty faculty members from universities and colleges in this region who are specialists on

or especially interested in Asian Studies. The Conference is sponsored by the Association for Asian Studies, by the Commonwealth-Studies Center of Duke University, and by Duke University.

Interested faculty and students are invited to attend the three formal panels.

The program follows:

Friday, January 26

10:30 a.m.-2:00 p.m.—Conference Registration. *Lobby, Jack Tar Hotel.*

12:00 Noon—Conference Luncheon. *Wedgwood Room, Jack Tar Hotel.*

2:00 p.m.—Panel: *Modern Asian Literatures. Room 208 Flowers Building.* Chairman, John J. Honigman, U. N. C.
“Modern Literary Movements in Korea: Rise of New Literary Movements between 1880 and 1935”—Changboh Chee, Wake Forest College.
“Trends in Recent Pakistani Literature”—Zafar-ul Islam, Sweet Briar College.
“Comment on Recent Indian Literatures”—Robert O. Swan, Duke University.

4:45 p.m.—Conference Reception. *Wedgwood Room, Jack Tar Hotel.*

6:45 p.m.—Conference Banquet. *Old Trinity Room.*
“Historical Reflections on American Relations with the Far East”—Paul H. Clyde, The Duke Endowment.

Saturday, January 27

8:00 a.m.—Conference Breakfast. *Wedgwood Room, Jack Tar Hotel.*

9:15 a.m.—Panel: *Nationalism and Communism in the Far East. Room 208 Flowers Building.* Chairman, Donald G. Gillin, Duke University.
“The Army’s New Clothes”—John A. Harrison, University of Florida.
“China and Japan through American Eyes: The Official View during the Wilson Administration”—Burton F. Beers, N. C. State College.
“Peking’s Challenge to Moscow”—Robert A. Rupen, U. N. C.
Discussants: Shao Chuan Leng, University of Virginia. George T. Yu, U. N. C.

9:15 a.m.—Panel: *South Asia: Aspects of Transition. Room 204 Flowers Building.*

“Some Aspects of Indian Liberalism”—B. G. Gokhale, Wake Forest College.
“Party Politics in Rural India: The Case of Bihar”—Walter Hauser, University of Virginia.
“Changing Patterns of Local Government and Administration in Pakistan”—Richard S. Wheeler, Duke University.

12:30 p.m.—Conference Luncheon. *Old Trinity Room.*

2:00 p.m.—Conference Business Session. *Room 208 Flowers Building.*

3:30 p.m.—Adjournment.

ADVANCE NOTICE DURHAM CIVIC CHORAL SOCIETY

The Durham Civic Choral Society under the direction of Dr. Paul R. Bryan will begin rehearsals for its spring concert at 8:00 p.m. on Monday, January 29th, at the Allied Arts Center. All interested singers are invited to attend.

ADVANCE NOTICE GUEST ORGAN RECITAL

Carl E. Stout, organist and choir director at the Church of the Good Shepherd in Rocky Mount and instructor in organ at East Carolina College, will present an organ recital of contemporary organ music in the University Chapel on Sunday, February 4th, at 4:00 p.m. The public is cordially invited to attend.

CRAFTS COURSE

A beginning class in ceramics, leathercraft, and metal etching will be taught on Wednesday evenings, for six weeks, beginning February 7th. Meeting from 7:15 to 9:15 p.m. in the Woman’s Gymnasium, Room 201, the course is offered to any adult of the University Community. A fee for materials will be charged. Anyone interested in registering for the course should call Extension 3013.

LIBRARY SCHEDULE, INTERSESSION PERIOD JANUARY 26-31, 1962

General Library

Friday, January 26 8:00 a.m.-6:00 p.m.

Saturday, January 27 8:00 a.m.-6:00 p.m.

Sunday, January 28 Closed

Monday-Wednesday, January 29-31. 8:00 a.m.-6:00 p.m.

Thursday, February 1 Resume regular schedule

All Reading Rooms in the General Library will be open from 9:00 a.m. to 5:00 p.m. Mondays-Fridays; 9:00 a.m.-1:00 p.m. Saturdays; closed Sundays.

Woman’s College Library

Friday, January 26 8:00 a.m.-5:00 p.m.

Saturday, January 27 9:00 a.m.-1:00 p.m.

Sunday, January 28 Closed

Monday-Wednesday, January 29-31. 9:00 a.m.-5:00 p.m.

Thursday, February 1 Resume regular schedule

Schedules for other libraries will be posted in those libraries.

ADVANCE NOTICE ARTIST SERIES

The third concert of the 1961-62 Artists Series will be presented by the Robert Shaw Chorale and Orchestra, performing Bach’s “Passion According to St. John,” complete and in English. Mr. Shaw firmly believes that, “The St. John Passion of Bach is the most active, direct and dramatic of Bach’s classical works. It will make the strongest emotional impact upon an audience of any program thus far presented by the Robert Shaw Chorale and Orchestra.” Standing room remains at \$1.00 for the performance to be given Thursday, February 1st, at 8:15 p.m. in Page Auditorium.

The remaining concerts in the Series are
Leon Fleisher, pianist Tuesday, February 20
Elisabeth Schwarzkopf, soprano Friday, March 9
Tickets (\$2.00) may be purchased by calling 681-0111, Extension 2911; by writing Box KM, Duke Station; or in Room 202-A Flowers Building.

WEEK OF
Jan. 28-Feb 3, 1962

CALENDAR

WEEK OF
Jan. 28-Feb 3, 1962

OF

DUKE UNIVERSITY



Events of the Week

Sunday, January 28

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Sermon: "On Casting Out Satan." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, January 29

1:30 p.m. Final examination of Mr. Bob Branch Buchanan for the Ph.D. degree in Microbiology. Pathology Conference Room (M-304), Hospital.

2:45-4:15 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

8:00 p.m. Durham Civic Choral Society Rehearsal for Spring Concert. Allied Arts Center.

Tuesday, January 30

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

8:15 p.m. Varsity Basketball: Duke versus University of South Carolina. Indoor Stadium.

Wednesday, January 31

4:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 114 Physics Building. Speaker: Dr. K. K. Seth.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Battle of the Sexes" (British) with Peter Sellers, Robert Morley, and Constance Cummings. Based on James Thurber's "The Catbird Seat," this film "skillfully enacts a comedy about the introduction of modern American methods into a staid firm in Edinburgh."—New Yorker. "A maximum of wit"—N. Y. Times.

8:00 p.m. Graduate Wives Club of the Departments of Economics, History, and Political Science. Social Hall, Palomino Apartments. Speaker: Mr. Thomas M. Simkins, Jr.

Thursday, February 1

10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Mr. Kenneth Halcott.

12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:00 p.m. Special General Faculty Meeting. Room 114 Physics Building.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

7:00 p.m. Student Union Pre-Artists Series Seminar. Room 208 Flowers Building. Speaker: Dr. Allan Bone.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

8:15 p.m. Artists Series: The Robert Shaw Chorale and Orchestra. Page Auditorium.

Friday, February 2

10:10 a.m. Divinity School Chapel Service. Holy Communion. York Chapel. Dean Robert E. Cushman, Celebrant.

12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Asbury Auditorium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages six-sixteen, may also swim; those twelve and under must be accompanied by their mothers.

Saturday, February 3

7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Battle of Sexes" (British) with Peter Sellers, Robert Morley, and

Constance Cummings. Based on James Thurber's "The Catbird Seat," this film "skillfully enacts a comedy about the introduction of modern American methods into a staid firm in Edinburgh."—New Yorker. "A maximum of wit"—N. Y. Times.

8:15 p.m. Varsity Basketball: Duke versus University of North Carolina. Indoor Stadium. Student Union Candlelight Cabaret following game. Union Ballroom.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Howard C. Wilkinson, Chaplain to the University, will deliver the sermon at the University Service of Worship on Sunday, January 28th, at 11:00 a.m. in the University Chapel. His subject will be "On Casting Out Satan." The order of service follows:

The Reverend Robert P. Hyatt, Associate Director of Religious Life, West Campus, Presiding Minister
Organ Prelude—Concerto X, Allegro, Andante *Handel*
Call to Worship—"Sanctus" from Mass II *Hassler*
Hymn—"I Love Thy Kingdom, Lord" *from Williams' Psalmody*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"My Heart Ever Faithful" *Johann Bach*

Leslie Holmes, Soloist

Scripture—Matthew 12:22-28

Hymn—"O Young and Fearless Prophet" *Dykes*

Call to Worship

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"O God, Have Mercy" *Felix Mendelssohn*

Byung Kwon, Soloist

Sermon—"On Casting Out Satan"

Prayer

Benediction

The Sevenfold Amen *Stainer*

The Chimes

Organ Postlude—Concerto I, Andante *Handel*

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Bob Branch Buchanan for the Ph.D. degree in Microbiology will be held on Monday, January 29th, at 1:30 p.m. in the Pathology Conference Room (M-304), Hospital. The subject of Mr. Buchanan's dissertation is "Studies on the Physiology and Metabolism of *Actinomyces naeslundii*." The committee to conduct the examination consists of Professors L. Pine, N. F. Conant,

D. J. Fluke, P. Handler, and D. T. Smith. Professor Pine will preside.

DURHAM CIVIC CHORAL SOCIETY REHEARSAL

The Durham Civic Choral Society under the direction of Dr. Paul R. Bryan will begin rehearsals for its spring concert at 8:00 p.m. on Monday, January 29th, at the Allied Arts Center. All interested singers are invited to attend.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The Joint Duke-U.N.C. Physics Colloquium will meet Wednesday, January 31st, at 4:00 p.m. in Room 114 Physics Building. Dr. K. K. Seth will speak on "Neutron Induced Nuclear Reactions."

Coffee and tea will be served at 3:40 p.m.

GRADUATE WIVES CLUB MEETING

There will be a meeting of the Graduate Wives Club of the Departments of Economics, History, and Political Science on Wednesday, January 31st, at 8:00 p.m. in the Social Hall of the Palomino Apartments, Leon Street. Speaking will be Mr. Thomas M. Simkins, Jr., Curator of Rare Books, University Library. All wives of the three departments are cordially invited to attend.

SPECIAL MEETING OF THE GENERAL FACULTY

A special meeting of the General Faculty will be held on Thursday, February 1st, at 4:00 p.m. in Room 114 Physics Building, to hear the report of the Committee on Honorary Degrees.

ARTIST SERIES THE ROBERT SHAW CHORALE AND ORCHESTRA

The third concert of the 1961-62 Artists Series will be presented by the Robert Shaw Chorale and Orchestra, performing Bach's "Passion According to St. John," complete and in English. Mr. Shaw firmly believes that, "The St. John Passion of Bach is the most active, direct and dramatic of Bach's classical works. It will make the strongest emotional impact upon an audience of any program thus far presented by the Robert Shaw Chorale and Orchestra." Standing room remains at \$1.00 for the performance to be given Thursday, February 1st, at 8:15 p.m. in Page Auditorium.

The remaining concerts in the Series are
Leon Fleisher, pianist Tuesday, February 20
Elisabeth Schwarzkopf, soprano Friday, March 9
Tickets (\$2.00) may be purchased by calling 681-0111, Extension 2911; by writing Box KM, Duke Station; or in Room 202-A Flowers Building.

ADVANCE NOTICE GUEST ORGAN RECITAL

Carl E. Stout, organist and choir director at the Church of the Good Shepherd in Rocky Mount and instructor in organ at East Carolina College, will present an organ recital of contemporary organ music in the University Chapel on Sunday, February 4th, at 4:00 p.m. The public is cordially invited to attend.

The program follows:

Kleine Praludien und Intermezzi	<i>Hermann Schroeder</i> (1843-1909)
Hommage a Frescobaldi	<i>Jean Langlais</i> (1907-)
L'Ascension	<i>Oliver Messiaen</i> (1908-)
Sonata II	<i>Paul Hindemith</i> (1895-)
Two Chorale Preludes Auf, auf, mein herz, mit Freuden O wir armen Sunder	<i>Ernst Pepping</i> (1901-)
Two Chorale Preludes Herzliebster Jesu, was hast du verbrochen Wer nur den lieben Gott lasst walten	<i>Hulmut Walcha</i> (1908-)
Fugue	<i>Arthur Honegger</i> (1892-1955)
Cortège et Litanie	<i>Marcel Dupré</i> (1886-)

CRAFTS COURSE

A beginning class in ceramics, leathercraft, and metal etching will be taught on Wednesday evenings, for six weeks, beginning February 7th. Meeting from 7:15 to 9:15 p.m. in the Woman's Gymnasium, Room 201, the course is offered to any adult of the University Community. A fee for materials will be charged. Anyone interested in registering for the course should call Extension 3013.

WOMAN'S COLLEGE SCHOLARSHIPS

Application blanks for Baldwin and other Woman's College Scholarships are now available in Room 115 East Duke Building. The deadline for the applications is March 1.

WEEK OF
Feb. 4-10, 1962

CALENDAR

WEEK OF
Feb. 4-10, 1962

OF

DUKE UNIVERSITY



Events of the Week

Sunday, February 4

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. The Holy Communion. Communion Meditation: The Reverend Dr. Hugh Anderson, Associate Professor of Biblical Theology, the Divinity School. Celebrant: The Reverend Howard C. Wilkinson, Chaplain to the University. Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Guest Organ Recital. University Chapel. Organist: Carl Stout.

Monday, February 5

12:50-1:40 p.m. Fallout Preparedness Lecture. Page Auditorium.

2:45-4:15 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:30 p.m. Student Piano Recital. Asbury Auditorium. Students of Loren Withers.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

8:00 p.m. Erasmus Club Meeting. Green Room, East Duke Building. Speaker: Professor Clifton Cherpack.

8:00 p.m. Sigma Xi Meeting. Room 114 Physics Building. Speaker: Dr. Montrose J. Moses.

Tuesday, February 6

10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Dr. M. O. Williams, Jr., Secretary of Methodist Missionary Personnel.

11:30 a.m. Engineering College Faculty Meeting. Room 140 Engineering Building.

12:50-1:40 p.m. Fallout Preparedness Lecture. Hospital Amphitheatre.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

5:00 p.m. Gerontology Seminar. Room 208 Flowers Building. Speaker: Mr. Sidney Spector.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

8:15 p.m. Music Department: Chamber Music Program. Music Room, East Duke Building.

Wednesday, February 7

10:10 a.m. Divinity School Chapel Service. York Chapel. Dr. John Wilkins, Methodist Director of Missionary Education.

11:00 a.m. Divinity School Assembly. York Chapel. Speaker: Miss Margaret Billingsley.

12:50-1:40 p.m. Fallout Preparedness Lecture. Chemistry Lecture Room. Room 116 Chemistry Building.

4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building. Speaker: Dean Allau M. Cartter.

4:30 p.m. Joint Duke-U.N.C. Psychology Colloquium. Morehead Planetarium, Chapel Hill, N. C. Speaker: Dr. Johu Whiting.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. Sophocles' "OEDIPUS REX" in Eastman color, featuring the Stratford Ontario Shakespearian Festival Players and directed by Tyrone Guthrie. "Spectacular and awesome . . . this film is a jewel of great price!"—Times. "Time has not blunted its primeval power. It still hypnotizes us!"—Herald Tribune.

7:15 p.m. Crafts Course. Room 201 Woman's Gymnasium.

Thursday, February 8

10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Miss Margaret Billingsley, Secretary of the Methodist Woman's Division of Christian Service.

12:30 p.m. Plant Ecology Seminar. Room 144 Biological Sciences Building. Speaker: Dr. Eilif Dahl.

12:45 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

12:50-1:40 p.m. Fallout Preparedness Lecture. Hospital Amphitheatre.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

7:30 p.m. Student Union Fine Arts Film Festival. Page Auditorium.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, February 9

10:10 a.m. Divinity School Chapel Service. York Chapel. Special Service in Honor of Duke Alumui in Missiou Work. Dean Robert E. Cushman and Mr. Edward Smith, B.D. '48, Congo.

12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.

12:50-1:40 p.m. Fallout Preparedness Lecture. Woman's College Auditorium.

2:00 p.m. The Final Examination of Mr. Ralph Aiken for the Ph.D. Degree in English. Library Conference Room.

4:00 p.m. Joint Duke-U.N.C. Philosophy Colloquium. Room 211-A West Duke Building. Speaker: Professor Paul Henry.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Asbury Auditorium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages six through sixteen, may also swim; those twelve and under must be accompanied by their mothers.

5:30 p.m. International Club Dinner and Dance. East Campus Union.

8:15 p.m. Student Union Major Attraction: The Dave Brubeck Quartet. Indoor Stadium.

Saturday, February 10

2:00 p.m. Student Union Campus-Wide Bridge Tournament. Green Room, East Duke Building.

4:00 p.m. Joint Duke-U.N.C. Philosophy Colloquium. Room 213 Caldwell Hall. Chapel Hill, N. C. Speaker: Professor Paul Henry.

7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. Sophocles' "OEDIPUS REX" in Eastman color, featuring the Stratford Ontario Shakespearian Festival Players and directed by Tyrone Guthrie. "Spectacular and awesome . . . this film is a jewel of great price!"—Times. "Time has not blunted its primeval power. It still hypnotizes us!"—Herald Tribune.

8:15 p.m. Music Department Recital: James Friskin, pianist. Music Room, East Duke Building.

8:15 p.m. Varsity Basketball: Duke versus University of Virginia. Indoor Stadium. Student Union Candlelight Cabaret following game. Union Ballroom.

DENOMINATIONAL ANNOUNCEMENTS

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., Chapel Room, East Duke Building, East Campus.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Holy Communion; 5:30 P.M., Supper and Evensong—Topic, "Dream Girls and Other Types of Women" by Rev. J. W. O'Brien; Wednesday, 7:10 A.M. and 5:00 P.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Green Room, East Duke Building. 7:30 A.M. Wednesday, Holy Communion, Memorial Chapel, Duke Chapel.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., organizational meeting for study groups at the Methodist Center; 6:00 P.M., Worship; 7:00 P.M., Forum Hour, Dr. M. O. Williams, Methodist Board of Missions, "Report on the World Mission of the Church."

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 9:30 A.M., Sunday School; 6:30 P.M., Vespers and Discussion—Meet in the new Presbyterian Student Center (Westminster House) on Alexander Street.

UNIVERSITY SERVICE OF WORSHIP

The University Service of Holy Communion will be held Sunday, February 4th, at 11:00 a.m. in the University Chapel as a part of the regular Service of Worship. The Reverend Dr. Hugh Anderson, Associate Professor of Biblical Theology, Divinity School, will deliver the Communion Meditation, and the Reverend Howard C. Wilkinson, Chaplain to the University, will be the celebrant.

GUEST ORGAN RECITAL

Carl E. Stout, organist and choir director at the Church of the Good Shepherd in Rocky Mount and instructor in organ at East Carolina College, will present an organ recital of contemporary organ music in the University Chapel on Sunday, February 4th, at 4:00 p.m. The public is cordially invited to attend.

The program follows:

Kleine Praludien und Intermezzi	<i>Hermann Schroeder</i> (1843-1909)
Hommage a Frescobaldi	<i>Jean Langlais</i> (1907-)
L'Ascension	<i>Oliver Messiaen</i> (1908-)
Sonata II	<i>Paul Hindemith</i> (1895-)
Two Chorale Preludes Auf, auf, mein herz, mit Freuden O wir armen Sunder	<i>Ernst Pepping</i> (1901-)
Two Chorale Preludes Herzliebster Jesu, was hast du verbrochen Wer nur den lieben Gott lasst walten	<i>Hulmut Walcha</i> (1908-)
Fugue	<i>Arthur Honegger</i> (1892-1955)
Cortège et Litanie	<i>Marcel Dupré</i> (1886-)

FALLOUT PREPAREDNESS LECTURES

In order to acquaint the University Community with the fallout problem and the progress made to date in organizing the Duke Fallout Plan, two presentations have been scheduled as listed below. To reach the largest possible audience, each presentation has been scheduled on five consecutive days in different locations on the campus. It is hoped that all members of the University Community will be able to attend these two sessions; there will be ample time for questions and answers at the conclusion of each discussion.

THE DUKE UNIVERSITY FALLOUT PREPAREDNESS COMMITTEE SCHEDULE OF LECTURES

5th Period, 12:50-1:40 p.m.

Session I—"Fallout and Fallout Protection in Durham County"

Mr. Conrad Knight—Duke University Radiation Safety Officer

February 5 Page Auditorium, W. Campus

6 Hospital Amphitheatre, W. Campus

7 Chemistry Lecture Room, 116 Chemistry Bldg., W. Campus

8 Hospital Amphitheatre, W. Campus

9 Woman's College Auditorium, E. Campus

Session II—"Duke University Fallout Plan"—Panel Discussion by:

Mr. Conrad Knight—Chm. Subcommittee on Radiation Protection.

Mr. Louis Swanson—Chm. Subcommittee on Engineering and Construction.

Professor Frank deVyver—Chm. Subcommittee on Education.

Mr. Charles Frenzel—Chm. Subcommittee on Fallout Plan Organization.

Dr. Joseph K. Isley—Chief, Radioisotope Division.

Dr. William G. Anlyan (Moderator)—Chm. Fallout Committee.

February 12 Page Auditorium, W. Campus

13 Hospital Amphitheatre, W. Campus

14 Chemistry Lecture Room, 116 Chemistry Bldg., W. Campus

15 Hospital Amphitheatre, W. Campus

16 Woman's College Auditorium, E. Campus

STUDENT PIANO RECITAL

The Department of Music will present piano students of Loren Withers in recital on Monday, February 5th, at 4:30 in Asbury Auditorium. The public is cordially invited to attend.

ERASMUS CLUB

The Erasmus Club will meet at 8:00 p.m. on Monday, February 5th, in the Green Room, East Duke Building. The speaker will be Professor Clifton Cherpak of the Department of Romance Languages, who will speak on "Tradition and the Conclusion of 'Candide'."

SIGMA XI MEETING

The Duke Chapter of the Society of Sigma XI announces a lecture to be held in Room 114 Physics Building on Monday, February 5th, at 8:00 p.m. Dr. Montrose J. Moses, Associate Professor in the Department of Anatomy, will speak on "The Tale of the Tailless Sperm."

ENGINEERING COLLEGE FACULTY MEETING

The Engineering College Faculty will meet on Tuesday, February 6th, at 11:30 a.m. in Room 140 Engineering Building.

GERONTOLOGY SEMINAR

The Duke University Council on Gerontology invites all interested persons to attend an open seminar on Tuesday, February 6th, at 5:00 p.m. in Room 208 Flowers Building. Mr. Sidney Spector, Assistant Administrator, Housing for the Elderly, United States Housing and Home Finance Agency, will speak on "The Role of Government in Housing for Senior Citizens."

MUSIC DEPARTMENT CHAMBER MUSIC PROGRAM

The Department of Music will present a chamber music program on Tuesday, February 6th, at 8:15 p.m. in the Music Room, East Duke Building. The participants will be Penny Griffey, flute; William Roumillat, oboe; Allan Bone, clarinet; Neil Huffaker, French horn; James Henry, bassoon; William Klenz, violoncello; Loren Withers, piano; Julia Mueller, violin; Ruth Friedberg, piano; and Alice Wilkinson, piano. The public is cordially invited to attend and the program will be as follows:

- Quintet for Woodwinds in B flat, Opus 56, No. 1 *Danzi*
Allegretto (1763-1826)
Andante con moto
Menuetto: Allegretto
Allegro
- Sinfonia for Woodwind Quintet (1949) *Bernard Heiden*
Very slow-Lively-Very slow
Penny Griffey, flute Allan Bone, clarinet
William Roumillat, oboe Neil Huffaker, French horn
James Henry, bassoon
- Trio, Opus 114 *Brahms*
Allegro
Adagio
Andantino grazioso
Allegro
Allan Bone, clarinet
William Klenz, violoncello
Loren Withers, piano
Intermission
- Sonata in Two Movements for Violin and Piano (1961) *William Klenz*
(First Performance)
Julia Mueller, violin
Ruth Friedberg, piano
- Quintet for Woodwinds and Piano, Opus 16 *Beethoven*
Grave-Allegro, ma non troppo
Andante cantabile
Rondo: Allegro, ma non troppo
William Roumillat, oboe Neil Huffaker, French horn
Allan Bone, clarinet James Henry, bassoon
Alice Wilkinson, piano

DIVINITY SCHOOL ASSEMBLY

Miss Margaret Billingsley, Executive Secretary of the Woman's Division of Christian Service of the Methodist Church for work in Japan and Korea, will lecture at 11:00 a.m. on Wednesday, February 7th, in York Chapel. Her subject will be "The Church in the Midst of Revolution." Miss Billingsley has devoted much of her life to service as a Christian missionary and spent thirteen years as a missionary in Korea. The public is cordially invited to attend.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, February 7th, at 4:15 p.m. in Room 111 Biological Sciences Building. Allan M. Cartter, Dean of the Graduate School, will speak on "Some Problems in Graduate Education." Refreshments will be served at 4:00 p.m.

JOINT DUKE-U.N.C. PSYCHOLOGY COLLOQUIUM

The Joint Duke-U.N.C. Psychology Colloquium will meet Wednesday, February 7th, at 4:30 p.m. in the Morehead Planetarium at Chapel Hill. Dr. John Whiting will speak on "Cross-Sex Identity: A Report on Research at the Harvard Laboratory of Human Development."

CRAFTS COURSE

A beginning class in ceramics, leathercraft, and metal etching will be taught on Wednesday evenings, for six weeks, beginning February 7th. Meeting from 7:15 to 9:15 p.m. in the Woman's Gymnasium, Room 201, the course is offered to any adult of the University Community. A fee for materials will be charged. Anyone interested in registering for the course should call Extension 3013.

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, February 8th, at 12:30 p.m. in Room 144 Biological Sciences Building. Dr. Eilif Dahl will speak on "Arctic-Alpine Communities and Their Implications in Ecological Concepts."

STUDENT UNION PRESENTS FINE ARTS FILM FESTIVAL

The Student Union's Fine Arts Committee will present its annual FINE ARTS FILM FESTIVAL on Thursday, February 8th, at 7:30 p.m. in Page Auditorium. There will be only one complete showing of the films, and the public is cordially invited to attend without charge.

Included in the group of art films are: *RENOIR*; *MATISSE*; *THE EXPRESSIONIST REVOLT*; *GOYA: THE DISASTERS OF WAR*; *LE CHIEN ANDALOU*; and *CLASSICAL BALLET* with Maria Tallchief and Andre Eglevsky.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Ralph Aiken for the Ph.D. degree in English will be held on Friday, February 9th, at 2:00 p.m. in the Library Conference Room. The subject of Mr. Aiken's dissertation is "NATURE TO ADVANTAGE DRESS'D: A Study of Sir George Etherege as Playwright." The committee to conduct the examination consists of Professors Charles E. Ward, Florence Brinkley, Benjamin Boyce, C. Richard Sanders, and Arthur Ferguson. Professor Ward will preside.

JOINT DUKE-U.N.C. PHILOSOPHY COLLOQUIA

Professor Paul Henry of the Institute Catholique of Paris will be the guest of the Philosophy Departments of Duke and U.N.C. on Friday and Saturday, February 9th and 10th.

On February 9th Professor Henry will speak in the Philosophy Seminar Room, 211-A West Duke Building at 4:00 p.m. His topic will be "The Origin of the Idea of Creation." On February 10th Professor Henry will speak on "Metaphysics or Mysticism in the Philosophy of Plotinus" in Room 213 Caldwell Hall, Chapel Hill, at 4:00 p.m. All members of the University Community are cordially invited to attend.

INTERNATIONAL CLUB DINNER AND DANCE

The International Club will have a dinner and dance on Friday, February 9th. The dinner, from 5:30 to 6:55 p.m., will be in the East Campus Union Building. The dance to be held in the Ark will be from 7:00 to 11:00 p.m.

STUDENT UNION MAJOR ATTRACTION THE DAVE BRUBECK QUARTET

Bringing "progressive" jazz to the campus on Friday, February 9th, at 8:15 p.m. in the Indoor Stadium will be its foremost exponent, Dave Brubeck, the third of the Student Union's Major Attractions. The Quartet has won almost every national and international award in recognition of their contribution to jazz. Recorded albums stay at the top of the "best selling" list. No other group compares with the artistry of this quartet in its own especial idiom.

All tickets are general admission at \$1.50. Tickets will be sold beginning Monday, February 5th, on the Main Quadrangle. Tickets may also be secured at the door prior to the performance.

JAMES FRISKIN IN PIANO RECITAL

The Department of Music will present a recital by James Friskin, pianist, on Saturday, February

10th, at 8:15 p.m. in the Music Room, East Duke Building. Mr. Friskin, eminent concert pianist, teacher, and composer, is one of the foremost interpreters of the music of J. S. Bach. He gave the first performance in the United States of the complete "Well-Tempered Clavier," as well as the "Goldberg Variations." Mr. Friskin has concertized extensively in this country, and although his programs have usually included a large proportion of Bach, his interest in the entire piano repertoire has made him unwilling to be considered exclusively as a Bach specialist. He has been applauded not only by audiences and critics, but also by his colleagues who hold him in affectionate esteem. For the past fifty years he has been a faculty member of the Julliard School of Music and formerly headed the piano faculty of the Chautauqua Summer School. During the summer of 1961 he played three programs in London for the British Broadcasting Company and has been asked to return this year to present Bach's "Well-Tempered Clavier" in three programs. His program at Duke will be as follows, and the public is cordially invited to attend.

English Suite in F major	<i>J. S. Bach</i>
Prelude—Allemande—Courante— Sarabande—Minuets 1 and 2— Gigue	
Five Preludes and Fugues from Book I of the Well-Tempered Clavier	<i>J. S. Bach</i>
C sharp minor-E major-C minor— E flat minor-B flat major	
Fantasia and Double Fugue in A minor	<i>J. S. Bach</i>
Intermission	
Impromptu in G flat major, Op. 90, No. 3	<i>Schubert</i>
In der Nacht, Op. 12, No. 5	<i>Schumann</i>
Sonata in A flat major, Op. 110	<i>Beethoven</i>
Moderato cantabile, molto espressivo	
Allegro molto	
Adagio ma non troppo	
alternating with	
Fuga: Allegro ma non troppo	

DUKE NURSERY SCHOOL VACANCY

There is an opening in the three-year-old group of the Duke University Nursery School. Interested parents may contact Miss Marie Hinman by calling extension 3673.

1961-1962 ARTISTS SERIES

Two concerts remain for the 1961-62 Artists Series. On Tuesday, February 20th, Leon Fleisher, pianist, will appear in a return engagement. Elisabeth Schwarzkopf, soprano, will be presented on Friday, March 9th. Tickets now available are priced at \$2.00 for the concerts to be held in Page Auditorium at 8:15 p.m. They may be obtained by calling 681-0111, extension 2911, by coming to Room 202-A Flowers Building, or by writing Box KM, Duke Station. For mail orders, please enclose a self-addressed, stamped envelope.

**ADVANCE NOTICE
MEDICAL CENTER LECTURE**

The Department of Surgery and the Council on Gerontology will present Michael F. A. Woodruff, M.D., M.S., (Melb.), Professor of Surgical Science, University of Edinburgh, and Surgeon-in-Charge, The Royal Infirmary, Edinburgh, on Monday, February 12th, from 8:30 to 9:30 a.m. in the Hospital Amphitheatre. Dr. Woodruff will speak on "The Current Status of Transplantation of Organs and Tissues." All interested persons are invited to attend.

INCOME TAX RETURNS

Representatives from the North Carolina Department of Revenue will be in the Baker House Reception Room on February 19th and in the Conference Room, 103 Library, on February 20th to assist employees with State income tax returns. University representatives will assist in the preparation of Federal income tax returns.

Monday, February 19th—Baker House Reception Room

Tuesday, February 20th—Conference Room, 103 Library

Hours: 9:00 a.m.-4:30 p.m. both days.

If you would like either a State or Federal tax return form prior to these dates, copies will be available in the Personnel Office, Allen Building.

**STUDENT UNION ART EXHIBIT
ALBERT BLOCH: A RETROSPECTIVE**

The Student Union is privileged to present to the campus a distinguished art exhibit of the original works of Albert Bloch, American artist. The one-man show may be seen in the Alumni Lounge, West Union Building, between the hours of 8:00 a.m. and 10:30 p.m., and the public is extended a cordial invitation to see them. The exhibit will remain in the Lounge through the month of February.

American born, Professor Bloch spent his early years in Europe where he became close friends and fellow exhibitor with such artists as Franz Marc, Kandinsky, and Klee and with them formed the loosely knit group known as "Der Blaue Reiter." After returning to America in 1921 and teaching at the Chicago Academy of Fine Arts, he became Professor and Director of the Department of Drawing and Painting in the School of Fine Arts at the University of Kansas until 1947 when he became Professor-emeritus. Mr. Bloch now lives in retirement in Lawrence, Kansas.

WOMAN'S COLLEGE SCHOLARSHIPS

Application blanks for Baldwin and other Woman's College Scholarships are now available in Room 115 East Duke Building. The deadline for the applications is March 1.

WEEK OF
Feb. 11-17, 1962

CALENDAR

WEEK OF
Feb. 11-17, 1962

OF

DUKE UNIVERSITY



Events of the Week

Sunday, February 11

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "Aggrey of Africa." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, February 12

8:30-9:30 a.m. Medical Center Lecture. Hospital Amphitheatre. Speaker: Dr. Michael F. A. Woodruff.

12:50 p.m. Fallout Lecture. Page Auditorium.

2:45-4:15 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:15 p.m. Zoology Seminar. Auditorium, Biological Sciences Building. Speaker: Dr. John A. McGowan.

4:30 p.m. Duke University Fallout Preparedness Committee Meeting. Trustee Boardroom, Allen Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

Tuesday, February 13

10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Professor Charles Robinson.

12:50 p.m. Fallout Lecture. Hospital Amphitheatre.

3:00 p.m. Campus Club Tea. University House.

4:00 p.m. Mathematics Seminar. Room 114 Physics Building. Speaker: Mr. Joseph Kitchen.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Modern Dance Club Tryouts. Woman's College Gymnasium.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

Wednesday, February 14

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Professor Charles Robinson.
- 12:50 p.m. Fallont Lecture. Chemistry Auditorium.
- 4:00 p.m. Botany Seminar. Room 111 Biological Sciences Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Modern Dance Club Tryouts. Woman's College Gymnasium.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "QUESTION 7" with Michael Gwynn and Eric Schumann. The gripping story of Christianity's fight for its life in East Germany. "High drama . . . the essential facts about the most massive, subtle and effective persecution in Christian history."—Time Magazine. Selected Best Motion Picture of 1961—National Board of Review.
- 7:15-9:15 p.m. Crafts Course. Room 201 Woman's Gymnasium.
- 8:00 p.m. Duke Sports Car Club Meeting. Room 117 Social Science Building.

Thursday, February 15

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Mr. Jerry Fast.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 12:50 p.m. Fallout Lecture. Hospital Amphitheatre.
- 2:00-5:00 p.m. Newcomer's Club Sewing Honr and Tea. Home of Mrs. Marcus Hobbs, 115 Pinecrest Road.
- 3:30 p.m. Civil Engineering Seminar. Civil Engineering Staff Room, Engineering Building. Speaker: Professor William Nash.
- 4:00 p.m. Special Meeting of the General Faculty. Room 114 Physics Building.
- 4:00 p.m. Linguistics Lecture. Room 208 Flowers Building. Speaker: Professor Raven I. McDavid, Jr.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 6:00 p.m. Trinity College Historical Society Meeting. Private Dining Room, Men's Graduate Center. Speaker: Mr. J. Steven Watson.

8:00 p.m. International Club Symposium. Music Room, East Duke Building.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, February 16

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Speakers: Professor Charles Robinson and Mr. Lowell Keeney.
- 12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.
- 12:50 p.m. Fallout Lecture. Hospital Amphitheatre.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Asbury Auditorium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages six through sixteen, may also swim; those twelve and under must be accompanied by their mothers.

Saturday, February 17

- 2:00 p.m. Varsity Basketball: Duke versus Naval Academy. (T. V. Coverage).
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "QUESTION 7" with Michael Gwynn and Eric Schumann. The gripping story of Christianity's fight for its life in East Germany. "High drama . . . the essential facts about the most massive, subtle and effective persecution in Christian history."—Time Magazine. Selected Best Motion Picture of 1961—National Board of Review.
- 8:15 p.m. Chamber Arts Society: Duo Doktor-Menuhin. Music Room, East Duke Building.

MEDICAL CENTER LECTURE

The Department of Surgery and the Council on Gerontology will present Michael F. A. Woodruff, M.D., M.S., (Melb.), Professor of Surgical Science, University of Edinburgh, and Surgeon-in-Charge, The Royal Infirmary, Edinburgh, on Monday, February 12th, from 8:30 to 9:30 a.m. in the Hospital Amphitheatre. Dr. Woodruff will speak on "The Current Status of Transplantation of Organs and Tissues." All interested persons are invited to attend.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor James T. Cleland, Dean of the Chapel, will deliver the sermon at the University Service of Worship on Sunday, February 11th, at 11:00 a.m. in the University Chapel. His subject will be "Aggrey of Africa." The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister

Organ Preludes—Prelude in C minor

Bach

Choral Prelude

Bach

"Sheep May Safely Graze"

Call to Worship—"Sanctus" from Mass II

Hassler

Hymn—"God the Omnipotent!"

Alcxis F. Lvov

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Praise Ye the Name of the Lord"

Nikolai Tcherepnin

Scripture—I John 3:11-18

Hymn—"Blest Be the Tie that Binds"

Hans G. Nægeli

Call to Worship

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Rise, God! Judge Thou the Earth in Might"

Thomas Tallis

Response—The Doxology

Prayer of Dedication

Sermon—"Aggrey of Africa"

Prayer

Benediction

The Sevenfold Amen

Stainer

The Chimes

Organ Postlude—Fugue in E flat

Saint-Saëns

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 6:30, Watts Street Baptist Church, Lecture and discussion on capital punishment; 9:00 P.M., Fellowship at Chaplain's home, 212 Edwards Street; Sunday is the deadline for applications for the Faith and Life Community. **Wednesday, 6:00 P.M.,** will listen to a brief tape lecture by Dr. Elton Trueblood on "The New Christian Frontier." **Friday, 4:40 P.M.,** Chaplain's office, Seminar, "Basic Christian Doctrine."

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., Chapel Room, East Duke Building, East Campus.

LUTHERAN STUDENT ASSOCIATION: Sunday, Ice Skating Party instead of regular program; leave Chapel steps at 7:00 P.M., East circle at 7:15 P.M.—at Rebel Ice Rink, 4 miles west of Durham on U. S. 70. Refreshments at Chaplain Shuford's home fol-

lowing. **Wednesday, 7:30 A.M.,** Memorial Chapel, Duke Chapel.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 5:30 P.M., Supper and discussion. **Wednesday, 7:10 A.M. and 5:00 P.M.,** Holy Communion.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 9:00 A.M., Sunday School, breakfast at the Center; 5:15 P.M., Vespers; 5:45 P.M., Supper; After supper, speaker: James Kennedy speaking on Africa.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:00, Methodist Center, Study groups; 6:00 P.M., Worship: preacher will be Mr. Brewster Kncen, Student Secretary for the Fellowship of Reconciliation; 7:00 P.M., Forum Hour: a presentation of various summer service opportunities (workcamps, travel seminars, etc.) will be made. **Wednesday, 6:00 P.M.,** Holy Communion. A congregational dinner and worship will be held next Sunday, February 18, at 6:00 P.M. at the Center.

THE DUKE UNIVERSITY FALLOUT PLAN

The second series of presentations by the University Fallout Preparedness Committee will take place during the week of February 12. It is hoped that all members of the University Community will be able to attend this session. There will be ample time for questions and answers at the conclusion of each discussion.

DUKE UNIVERSITY FALLOUT PLAN—Panel Discussion by:

Mr. Conrad Knight—Chairman, Subcommittee on Radiation Protection.

Mr. Louis Swanson—Chairman, Subcommittee on Engineering and Construction.

Professor Frank deVyver—Chairman, Subcommittee on Education.

Mr. Charles Frenzel—Chairman, Subcommittee on Fallout Plan Organization.

Dr. Joseph K. Isley—Chief, Radioisotope Division.

Dr. William G. Anyan (Moderator)—Chairman, Fallout Committee.

February 12 Page Auditorium, West Campus.

February 13 Hospital Amphitheatre, West Campus.

February 14 Chemistry Lecture Room, Room 116 Chemistry Building, West Campus.

February 15 Hospital Amphitheatre, West Campus.

February 16 Womau's College Auditorium, East Campus.

FALLOUT PREPAREDNESS COMMITTEE MEETING

The Fallout Preparedness Committee will meet Monday, February 12th, at 4:30 p.m. in the Trustee Boardroom, Allen Building. All members are urged to be present.

ZOOLOGY SEMINAR

The Zoology Seminar will be held on Monday, February 12th, in the Auditorium, Biological Sciences Building at 4:15 p.m. Dr. John A. McGowan, Assistant Research Biologist and Lecturer, Scripps Institution of Oceanography, will speak on "Species and Community Distribution Patterns of North Pacific Zooplankton." Dr. McGowan served as biologist on various Scripps expeditions and cruises from 1954 to 1956; staff marine biologist, U. S. Trust Territory of the Pacific Island from 1956 to 1958; and expedition leader, S. I. O. Tethys Expedition (equatorial Pacific area) in 1960. His research has been on the effects of hydrostatic pressure on vertical movements of planktonic crustacea and a study of the distribution of pelagic molluscs in the northeast Pacific.

Coffee and tea will be served in the foyer at 4:00 p.m.

CAMPUS CLUB TEA

The Campus Club will feature an exhibit by the Duke University Press, "Of the Making of Books," at its tea on Tuesday afternoon, February 13th, from 3:00 to 5:00 p.m. at University House, 2138 Myrtle Drive.

Hostesses for the event are the wives of the members of the Department of Food Service, West Campus Library, and the Psychiatry Department. Mrs. Bernard Bressler is general chairman for the tea.

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Tuesday, February 13th, at 4:00 p.m. in Room 114 Physics Building. Speaker will be Mr. Joseph Kitchen of Harvard University; his subject is "Generalization of the Theory of Almost Periodic Functions." Coffee will be served at 3:30 p.m. in Room 132, preceding the seminar.

MODERN DANCE CLUB

The Modern Dance Club, Terpsichorean, announces try-outs to be held on Tuesday, February 13th, and Wednesday, February 14th, at 7:00 p.m. in the Woman's College Gymnasium. All interested persons are invited to audition; previous dance experience is helpful but not necessary.

The Modern Dance Club will give its spring concert the latter part of April.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, February 14th, at 4:00 p.m. in Room 111 Biological Sciences Building. Dr. Bruce Zobel, Professor of Forest Genetics, North Carolina State College, will speak on "Improving Our Forest Trees Through Genetics."

CRAFTS COURSE

A beginning class in ceramics, leathercraft, and metal etching is being taught on Wednesday evenings, for six weeks. Meeting from 7:15 to 9:15 p.m. in the Woman's Gymnasium, Room 201, the course is offered to any adult of the University Community. A fee for materials will be charged. Anyone interested in registering for the course should call Extension 3013.

NEWCOMER'S CLUB MEETING

The Newcomer's Club will meet at the home of Mrs. Marens Hobbs on Thursday, February 15th, from 2:00 to 5:00 p.m., 115 Pinecrest Road. This is the annual sewing meeting, when garments, previously made by Mrs. Louise Carter and her committee, will be hand-finished. All members are urged to attend to help the Duke Sewing Guild in their important charitable work. Tea will be served.

CIVIL ENGINEERING SEMINAR

A seminar will be given by Professor William Nash, Department of Civil Engineering, University of Florida, on Thursday, February 15th, at 3:30 p.m. in the Civil Engineering Staff Room, Engineering Building. His subject will be "General Behavior of Thin Plates and Shells." Light refreshments will be served at 3:15 p.m. All those interested are cordially invited to attend.

SPECIAL MEETING OF THE GENERAL FACULTY

A special meeting of the General Faculty will be held on Thursday, February 15th, at 4:00 p.m. in Room 114 Physics Building to act on the report of the Committee on Honorary Degrees. The Graduate Faculty will meet in the same place at 4:15 p.m.

LINGUISTICS LECTURE

Professor Raven I. McDavid, Jr., Department of English, University of Chicago, will present a lecture on "Implications of Dialect Study" on Thursday, February 15th, at 4:00 p.m. in Room 208 Flowers Building. Professor McDavid is appearing under the auspices of the Interdepartmental Committee on Linguistics. The lecture is open to the public.

TRINITY COLLEGE HISTORICAL SOCIETY MEETING

The Trinity College Historical Society will hold its February dinner meeting on Thursday, February 15th, at 6:00 p.m. in the Private Dining Room, Men's Graduate Center. Speaking will be Oxford Scholar, Professor J. Steven Watson on "A Defense of George III." Professor Watson recently published a distinguished volume in the Oxford History of England series, *The Reign of George III, 1760-1815*, and in conjunction with W. C. Costin edited the two-volume work, *The Law and Working of the Constitution: Documents, 1660-1914*. In addition to his authorship of numerous essays and reviews in leading British publications, Professor Watson lectures at Christ Church College, Oxford, and was Censor, or head administrator, of that college from 1955 to 1961. He is temporarily in America as a Visiting Professor at the University of South Carolina.

Members are invited to use the private cafeteria facilities arranged especially for their convenience.

INTERNATIONAL CLUB SYMPOSIUM

The Duke International Club will hold a symposium on "Problems of the Underdeveloped Countries of Asia" at 8:00 p.m. on Thursday, February 15th, in the Music Room, East Duke Building. Mr. Mahinder Chaudhary from India, Mr. Ahmed from Pakistan, Mr. H. D. Kim from Korea, and Mr. Samuel So from Formosa will discuss some of the major problems faced by their countries in their struggle for economic and technological advancement. Professor Donald Gillin of the Department of History will preside.

All interested members of the University Community are welcome.

CHAMBER ARTS SOCIETY DUO DOKTOR-MENUHIN (Viola-Piano)

The Chamber Arts Society announces the fifth concert of its season to be played by Paul Doktor (Viola)

and Yaltah Menuhin (Piano) on Saturday, February 17th, in the Music Room, East Duke Building at 8:15 p.m.

The program follows:

Sonatina in C major	<i>Diabelli</i>
32 Variations in C minor for piano, Opus 191	<i>Beethoven</i>
Interlude	<i>Piston</i>
Sonata No. 1, Opus 11, No. 4	<i>Hindemith</i>
Passacaille for Viola Solo	<i>Pochon</i>
Sonata No. 2 in E flat major, Opus 120, No. 2	<i>Brahms</i>

Advance notice is also made of the final chamber-music concert of the Society's season to be given by the New York String Sextet, Saturday, April 14th.

Admission to concerts is by Membership Card or Guest Card. Guest Card for single admission to any one concert will cost \$2.50. Seventy Guest Cards are available for each concert; they may be obtained at the door of the Music Room from 7:30 to 8:00 p.m. on concert evenings. For further information write to Chamber Arts Society, c/o Ernest W. Nelson, Box 6065, College Station, Durham, N. C.

1961-1962 ARTISTS SERIES

Two concerts remain for the 1961-62 Artists Series. On Tuesday, February 20th, Leon Fleisher, pianist, will appear in a return engagement. Elisabeth Schwarzkopf, soprano, will be presented on Friday, March 9th. Tickets now available are priced at \$2.00 for the concerts to be held in Page Auditorium at 8:15 p.m. They may be obtained by calling 681-0111, extension 2911, by coming to Room 202-A Flowers Building, or by writing Box KM, Duke Station. For mail orders, please enclose a self-addressed, stamped envelope.

INCOME TAX RETURNS

Representatives from the North Carolina Department of Revenue will be in the Baker House Reception Room on February 19th and in the Conference Room, 103 Library, on February 20th to assist employees with State income tax returns. University representatives will assist in the preparation of Federal income tax returns.

Monday, February 19th—Baker House Reception Room

Tuesday, February 20th—Conference Room, 103 Library

Hours: 9:00 a.m.-4:30 p.m. both days.

If you would like either a State or Federal tax return form prior to these dates, copies will be available in the Personnel Office, Allen Building.

DUKE NURSERY SCHOOL VACANCY

There is an opening in the three-year-old group of the Duke University Nursery School. Interested parents may contact Miss Marie Hinman by calling extension 3673.

STUDENT UNION ART EXHIBIT ALBERT BLOCH: A RETROSPECTIVE

The Student Union is privileged to present to the campus a distinguished art exhibit of the original works of Albert Bloch, American artist. The one-man show may be seen in the Alumni Lounge, West Union Building, between the hours of 8:00 a.m. and 10:30 p.m., and the public is extended a cordial invitation to see them. The exhibit will remain in the Lounge through the month of February.

American born, Professor Bloch spent his early years in Europe where he became close friends and fellow exhibitor with such artists as Franz Mare, Kandinsky, and Klee and with them formed the loosely knit group known as "Der Blaue Reiter." After returning to America in 1921 and teaching at the Chicago Academy of Fine Arts, he became Professor and Director of the Department of Drawing and Painting in the School of Fine Arts at the University of Kansas until 1947 when he became Professor-emeritus. Mr. Bloch died in December, 1961.

WOMAN'S COLLEGE SCHOLARSHIPS

Application blanks for Baldwin and other Woman's College Scholarships are now available in Room 115 East Duke Building. The deadline for the applications is March 1.

ADVANCE NOTICE

YALE-DUKE MEN'S GLEE CLUB CONCERT

On Saturday, March 10th, at 8:15 p.m. in Page Auditorium the Duke University Men's Glee Club, under the direction of Professor Paul Young, and the Yale University Glee Club, under the direction of Mr. Fenno Heath, will be presented in joint concert.

Mail order tickets priced at \$2.00, \$1.50, and \$1.00 are now being accepted at Box KM, Duke Station. Checks should be made payable to the Men's Glee Club and should be accompanied by stamped, self-addressed envelope.

ADVANCE NOTICE

INTERNATIONAL CLUB TALENT-VARIETY SHOW

The International Club will present an International Talent-Variety Show on Friday, February 23rd, at 7:30 p.m. in the Woman's College Auditorium. Admission is free, and all members of the University Community are cordially invited to attend.

ATTENTION

ALL GRADUATE STUDENTS

Graduate students planning to complete all requirements for degree in June 1962, must file an "Intention to Graduate" form with the Graduate School Office by March 1, 1962. No candidates for June Commencement will be accepted after this deadline.

UNDERGRADUATE FACULTY COUNCIL

There will be no February meeting of the Undergraduate Faculty Council.

WEEK OF
Feb. 18-24, 1962

CALENDAR

WEEK OF
Feb. 18-24, 1962

OF DUKE UNIVERSITY



Events of the Week

Sunday, February 18

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. World Day of Prayer. Preacher: The Reverend Professor Carl Michalson, Professor of Theology, Drew University. Sermon: "What It Means to be a Christian." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, February 19

3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:00 p.m. Chemistry Staff Seminar. Room 01 Chemistry Building. Speaker: Dr. Russell S. Drago.

4:15 p.m. Zoology Seminar. Auditorium, Biological Sciences Building. Speaker: Dr. John Teal.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

8:15 p.m. Student Union Address: Dr. Jorge Castellanos. West Union Ballroom.

Tuesday, February 20

8:30 a.m. The final examination of Mr. Reginald Appleyard for the Ph.D. degree in Economics. Room 106-B Social Science Building.

10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Professor Frank Baker.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Student Union Pre-Artists Series Seminar on Leon Fleisher. Room 208 Flowers Building. Speaker: Professor Loren Withers.

8:15 p.m. Artists Series: Leon Fleisher, pianist. Page Auditorium.

Wednesday, February 21

10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Professor Frank Baker.

11:00 a.m. Divinity School Assembly Program. York Chapel. Speaker: Professor H. Shelton Smith.

12:30 p.m. Fellowship of Christian Athletes Luncheon. Holiday Inn. Speaker: Mr. Bob Stoddard.

4:00 p.m. Botany Seminar. Room 111 Biological Sciences Building. Speaker: Dr. C. Ritchie Bell.

4:30 p.m. Joint Duke-U.N.C. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Seymour Wapner.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Big Deal on Madonna Street," with Vittorio Gassman and Toto. "One of the year's funniest comedies!"—Daily News. "One of the most irresistible Italian comedies in years!"—Herald Tribune. "One of 10 best films of year!"—New York Film Critics.

8:15 p.m. Music Department Recital: William Klenz, 'cellist, and Walter Golde, guest pianist. Music Room, East Duke Building.

Thursday, February 22

10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Mr. Ole Borgen.

12:30 p.m. Plant Ecology Seminar. Room 144 Biological Sciences Building. Speaker: Mrs. Dorothy Mausfield-Jones.

12:30 p.m. Faculty Club Luncheon. Union Ballroom. Speaker: Ambassador B. K. Nehru.

12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

8:15 p.m. University Address: Ambassador B. K. Nehru. Page Auditorium.

Friday, February 23

10:10 a.m. Divinity School Chapel Service. York Chapel. Speakers: Professor Frank Baker and Mr. James Calloway.

12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.

1:30 p.m. Registration: Eighth Annual Conference on Social Studies. Lounge of Flowers Building. See special notice for full program.

3:00-5:00 p.m. Registration: National Student Association Conference on Student Involvement in Extra-Campus Affairs. Jack Tar Hotel.

4:00-5:00 p.m. North Carolina Symphony Orchestra Children's Concert. Durham High School Auditorium.

4:15-6:00 p.m. Concert Band Rehearsal. Asbury Auditorium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages six through sixteen, may also swim; those twelve and under must be accompanied by their mothers.

6:00 p.m. N.S.A. Conference Banquet. Schrafft's Country Inn. Williamsburg Room.

7:30 p.m. International Club presents "An Evening of International Entertainment." Woman's College Auditorium.

8:00 p.m. N.S.A. Conference Keynote Address. Room 114 Social Science Building. Speaker: Professor Glenn Negley.

Saturday, February 24

Eighth Annual Conference on Social Studies. See special notice.

10:30 a.m., 2:00 p.m., 6:45 p.m. N.S.A. Conference Sessions. Room 114 Social Science Building. Session 2—"The Relationship of the University to the Protest Group." Session 3—"An Evaluation of In Loco Parentis." Session 4—"History and Development of the Southern Protest Movement."

2:00 p.m. Student Union National Intercollegiate Bridge Tournament. Green Room, East Duke Building. Open to undergraduate and graduate students.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The Big Deal on Madonna Street," with Vittorio Gassman and Toto. "One of the year's funniest comedies!"—Daily News. "One of the most irresistible Italian comedies in years!"—Herald Tribune. One of 10 best films of year!"—New York Film Critics.

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 1:30 P.M., rides leave East and West for Murdoch School at Butner; 6:30 P.M., Watts Street Baptist Church, "Baptists in Historical Perspective." Wednesday, 6:00 P.M., East Duke Ark, Worship followed by taped lecture by Dr. Paul Sherer on "The World and the Gospel." Friday, 4:40 P.M., Chaplain Stine's office—Seminar on Basic Christian Doctrine.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., Chapel Room, East Duke Building, East Campus.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Holy Communion; 5:30 P.M., Supper and Discussion. Wednesday, 7:10 A.M. and 5:00 P.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Open discussion of Quad flick, "Quest 7"—Green Room, East Duke. Wednesday, 7:30 A.M., Holy Communion, Memorial Chapel of Duke Chapel.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Study groups; 6:00 P.M., Congregational dinner and Worship, Larry McLeskey, preacher (50¢ per plate). Wednesday, Holy Communion, 6:00 P.M.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 9:00 A.M., Sunday School and breakfast at the Presbyterian Student Center; 6:30 P.M., Vespers and Discussion of the Doctrine of the Church at the Pres. Student Center.

UNITARIAN FELLOWSHIP: Sunday, 7:30 P.M., at the home of Prof. and Mrs. Charles A. Baylis, 2610 Sevier Street, "What Values are Worth Seeking For Their Own Sake?" Rides from East and West Campus at 7:15 P.M.

CHEMISTRY STAFF SEMINAR

Dr. Russell S. Drago, Assistant Professor of Chemistry at the University of Illinois, will speak at the Chemistry Staff Seminar on Monday, February 19th, at 4:00 p.m. in Room 01 Chemistry Building. The subject of Dr. Drago's address will be "Reactions of Nitrogen II Oxide with Lewis Bases." All interested persons are invited to attend.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Carl Michalson, Andrew V. Stout Professor of Systematic Theology, Drew Theological School, Drew University, Madison, New Jersey, will deliver the sermon at the University Service of Worship on Sunday, February 18th, at 11:00 a.m. in the University Chapel. His subject will be "What It Means to be a Christian." The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister
 Organ Preludes—Prelude in F minor *Handel*
 Two Antiphons *Dupre*
 Call to Worship—"Sanctus" from Mass II *Hassler*
 Hymn—"God of Grace and God of Glory" *John Hughes*
 Prayer of Confession
 Words of Assurance
 The Lord's Prayer
 Anthem—"Hear My Prayer, O God" *Jacob Arcadelt*
 Scripture—Acts 5:17-32
 Hymn—"In Christ There Is No East or West" *Alexander R. Reinagle*
 Call to Prayer
 The Student Prayer of Intercession
 The offering
 Offertory Organ Interlude
 Anthem—"Gloria in Excelsis Deo" *Johann Bach*
 Response—The Doxology
 Prayer of Dedication
 Sermon—"What It Means to be a Christian"
 Prayer
 Benediction
 The Sevenfold Amen *Stainer*
 The Chimes
 Organ Postlude—Fugue in F minor *Handel*

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, February 19th, in the Auditorium, Biological Sciences Building, at 4:15 p.m. Dr. John Teal, Woods Hole Oceanographic Institution, will speak on "Energy Flow Through a Salt-Marsh Ecosystem." Coffee and tea will be served in the foyer at 4:00 p.m.

Dr. Teal is best known for his studies of energy flow through ecological systems and particularly for his detailed experimental investigation of specific trophic levels in food chains from Sapelo Island to Nova Scotia. In his talk he will discuss the work he did while hip-deep in Georgia mire.

ENTERTAINMENT INTERNATIONAL

The International Club will present "An Evening of International Entertainment" on Friday, February 23rd, at 7:30 p.m. in the Woman's College Auditorium. The general public is extended a cordial invitation to attend the program without charge and also to be the guests of the Club at an international dessert in the East Campus Ark following the program. This unique evening of entertainment, emanating from the cultures of ancient civilizations and presented by international students and members of the faculty, will include dances, songs, instrumental music, ceremonies, and skits. From Chinese flute and sword dance to exhibitions of Japanese Judo and

Indian gozal, the exciting demonstrations offer the members of the University Community and the public an opportunity to become familiar with the exotic arts of many lands.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Reginald Appleyard for the Ph.D. degree in Economics will be held on Tuesday, February 20th, at 8:30 a.m. in Room 106-B Social Science Building. The subject of Mr. Appleyard's dissertation is "Socio-economic Determinants of Immigration: A Study of Assisted Immigrants from the United Kingdom to Australia." The committee to conduct the examination consists of Professors J. J. Spengler, A. M. Cartter, C. B. Hoover, R. S. Smith, and R. T. Cole. Professor Spengler will preside.

PRE-ARTISTS SERIES SEMINAR MR. LOREN WITHERS

The Student Union's Pre-Artists Series Seminar will be held on Tuesday, February 20th, in Room 208 Flowers Building at 7:00 p.m. and will have as its speaker, Professor Loren Withers of the Music Department. Professor Withers will discuss some of the works to be played by Mr. Fleisher at the evening's concert in an effort to increase the enjoyment of the music by a better understanding of the works to be played. The public is cordially invited to attend.

ARTISTS SERIES CONCERT LEON FLEISHER, PIANIST

Returning to the campus on Tuesday, February 20th, at 8:15 p.m. in Page Auditorium will be Leon Fleisher. Internationally recognized as one of America's outstanding pianists, Mr. Fleisher was the first American to win Europe's most distinguished—and difficult—instrumental competition: the Queen Elisabeth of Belgium Concours. With the Cleveland Orchestra, George Szell conducting, he has recorded all five of Beethoven's concertos, a major undertaking for the artist.

Mr. Fleisher's program follows:

Chorale-Prelude: Jesu, Joy of Man's Desiring *Bach—Hess*
 Sonata, Op. 79 *Beethoven*
 Presto alla tedesca
 Andante
 Vivace
 Sonata in B minor *Liszt*
 Lento assai—Allegro energico
 Andante sostenuto
 Allegro energico (Fuga)—Stretta quasi presto
 —Andante sostenuto

Intermission

El Puerto } from "Iberlia" *Albéniz*
 Evocacion }
 Valses nobles et sentimentales } *Ravel*
 Alborada del Gracioso }

Remaining tickets for this concert and for the Elisabeth Schwarzkopf concert, Friday, March 9th, are priced at \$2.00. They may be secured by calling 681-0111, extension 2911, by coming to Room 202-A Flowers Building, or by writing Box KM, Duke Station. (Please enclose a stamped, self-addressed envelope.)

STUDENT UNION ADDRESS: "THE TRUTH ABOUT CUBA"

The Student Union's Educational Affairs Committee will bring to campus on Monday evening, February 19th, Dr. Jorge Castellanos, to speak on the subject, "The Truth About Cuba." The address will be given in the Union Ballroom at 8:15 p.m. and is open to the public without charge. Opportunity for questions will follow Dr. Castellanos' address.

Dr. Castellanos, an exiled Cuban who is presently serving the Truth About Cuba Committee, Incorporated, as Director of the Bureau of Statistics and Information, holds the Ph.D. degree from the University of Havana and until 1961 was Professor of Ancient History and Lecturer in Sociology at the University of Oriente (Cuba). A member of the Communist Party up to 1954 when he returned to his Catholic faith, he has since then devoted his life to fighting Communism. Dr. Castellanos is the author of four books and numerous articles and book reviews on historical, sociological, and literary matters.

DIVINITY SCHOOL FACULTY LECTURE

Dr. H. Shelton Smith will deliver the Faculty Lecture in the Divinity School Assembly on Wednesday, February 21st, at 11:00 a.m. in York Chapel. Professor Smith will speak on "The Post-liberal Protestant Mind." The public is cordially invited to attend.

FELLOWSHIP OF CHRISTIAN ATHLETES LUNCHEON

A Fellowship of Christian Athletes Luncheon (\$1.25) will be held on Wednesday, February 21st, at 12:30 p.m. on the second floor of the Holiday Inn. The guest speaker will be Mr. Bob Stoddard, executive director of the national organization. Jay Wilkinson, president of the local chapter, Jack Wilson, John Frye, and Pete Widener will also be on the program. Any person interested in this program is invited to attend.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, February 21st, at 4:00 p.m. in Room 111 Biological Sciences Building. Dr. C. Ritchie Bell, Department of Botany, University of North Carolina, will speak on "Polyploidy and Geographic Distribution in *Eryngium*." Refreshments will be served in the foyer at 4:00 p.m.

JOINT DUKE-U.N.C. PSYCHOLOGY COLLOQUIUM

The Joint Duke-U.N.C. Psychology Colloquium will meet Wednesday, February 21st, at 4:30 p.m. in Room 209 Bivins Building. Dr. Seymour Wapner of Clark University will speak on "An Organismic-Developmental Approach to Perception."

Coffee will be served at 4:00 p.m.

MUSIC DEPARTMENT RECITAL WILLIAM KLENZ AND WALTER GOLDE

The Department of Music will present a recital by William Klenz, 'cellist and Associate Professor, and Walter Golde, guest pianist, on Wednesday, February

21st, in the Music Room, East Duke Building at 8:15 p.m.

Mr. Golde, a native of Brooklyn, was educated at Dartmouth College and later studied music at the Imperial Academy in Vienna, Austria, and with Robert Fuchs, William Vilonat, and Paolo Gallico. A Composer of songs and piano pieces, a conductor of opera, and a coach to singers as well as accompanist to many famous artists among them being Mischa Elman, violinist; Elena Gerhardt, singer; and Felix Salmond, 'cellist, he has also done recording with Pablo Casals, 'cellist. He is a member of the New York Singing Teachers Association, A. S. C. A. P., the Society for American Conductors and Composers, past vice-president of the American Guild of Musical Artists, and a charter member of the National Association of Teachers of Singing. Mr. Golde left New York in 1953 at the invitation of Norman Cordon to become the voice teacher for the Institute of Opera, Extension Division of the University of North Carolina. In addition to his teaching he has done much accompanying in Chapel Hill and also at the State Art Museum in Raleigh.

The public is cordially invited to attend the program, which will be as follows:

Fantasie-Stücke, Op. 73
Zart und mit Ausdruck
Lebhaft, leicht
Rasch und mit Feuer

Robert Schuman

Sonata For Violoncello and Piano
Allegro ben moderato

Frank Bridge

Adagio ma non troppo, Molto allegro e
agitato, Adagio ma non troppo,
Allegro moderato

Interval

Sonata für Klavier und Violoncello, Op. 38

Johannes Brahms

Allegro non troppo
Allegretto quasi Menuetto
Allegro

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, February 22nd, at 12:30 p.m. in Room 144 Biological Sciences Building. Mrs. Dorothy Mansfield-Jones will speak on "Life Forms as Ecological Indicators."

AMBASSADOR B. K. NEHRU IN PUBLIC ADDRESS

His Excellency, Mr. B. K. Nehru, Ambassador of India, will speak on the subject, "Economic Development in Freedom in India," in Page Auditorium on Thursday, February 22nd, at 8:00 p.m. The public is invited to attend.

Mr. Nehru was educated at the London School of Economics and at Oxford. Before his appointment as India's Ambassador to the United States, Mr. Nehru was India's Commissioner General for Economic Affairs. In addition, he has held the office of Executive Director, International Bank for Reconstruction and Development.

The visit by the Indian Ambassador is sponsored jointly by Duke University and by the Commonwealth Studies Center at the University.

EIGHTH CONFERENCE ON TEACHING THE SOCIAL STUDIES

Duke University will be host to the Eighth Conference on Teaching the Social Studies on February 23rd and 24th with all sessions in Flowers Building, West Campus. A Conference for elementary and secondary school teachers of social studies, school supervisors and administrators, and other interested persons, it will emphasize the history of the Twentieth Century. It is sponsored co-operatively by the Departments of Education and History at Duke University, assisted by the North Carolina Council for the Social Studies and an Advisory Committee. The program follows:

FRIDAY, FEBRUARY 23 West Campus

1:30 p.m. Registration begins.....Lounge, Flowers Building
2:30-3:30 p.m. General Session..... 208 Flowers Building

WHAT HAS HAPPENED IN THE TWENTIETH CENTURY—THE FIVE REVOLUTIONS

Presiding: CLAN L. PETTY, Director of the Summer Session and Associate Professor of Education, Duke University

Speaker: HAROLD T. PARKER, Director of Graduate Studies, Department of History, Duke University

4:00-5:00 p.m. SEMINARS ON THE FIVE REVOLUTIONS
(Concurrent Sessions)

Discussion leaders, Department of History, Duke University

ROBERT F. DURDEN
WARREN LERNER
ALAN K. MANCHESTER
HAROLD T. PARKER
THEODORE ROPP
ANNE SCOTT
ROBERT C. WALTON
RICHARD L. WATSON

6:00-8:00 p.m. BANQUET.....Union Ballroom

Presiding: RICHARD L. WATSON, Chairman, Department of History, Duke University

Introduction: R. TAYLOR COLE, James B. Duke Professor of Political Science and Provost, Duke University

Address: THE UNITED STATES IN THE SPACE AGE
THE HONORABLE JOHN C. STENNIS
United States Senator from Mississippi

PROGRAM

SATURDAY, FEBRUARY 24 West Campus

9:00-10:15 a.m. General Session.....208 Flowers Building

"THE HERO" IN THE TWENTIETH CENTURY

Presiding: PAUL H. CLYDE, Secretary, Committee on Educational Institutions, The Duke Endowment

LENIN—CLIFFORD FOUST, Department of History, University of North Carolina

MAO TSE-TUNG—DONALD GILLIN, Department of History, Duke University

10:45 a.m.-12:00 noon Concurrent Sessions

BOOKS AND OTHER MATERIALS ON THE TWENTIETH CENTURY

IN THE HIGH SCHOOL.....208 Flowers Building

Presiding: HELEN D. WILKINS, Chapel Hill, N. C., High School
MARY E. LASHER, Page Senior High, Greensboro, N. C.

WILLIAM RICHARDSON, Boyden High School, Salisbury, N. C.

WALTER RUNDELL, Director, Service Center for Teachers of History, American Historical Association, Washington, D. C.

IN THE JUNIOR HIGH SCHOOL..... 211 Divinity School

Presiding: JOY E. JORDAN, Museum Administrator, Department of Archives and History, Raleigh, N. C.

SAMUEL SYME, Department of Education, Duke University

C. BAXTER TWIDDY, Josephus Daniels Junior High School, Raleigh, N. C.

IRMA S. WORTHINGTON, Greenville, N. C., Junior High School

IN THE ELEMENTARY SCHOOL.....204 Flowers Building

Presiding: RICHARD CRADDOCK, Aldert Root Elementary School, Raleigh, N. C.

AMOS O. CLARK, Department of Education, Duke University

ELLEN L. CARROLL, Greenville, N. C., City Schools

NELLIE G. MCFARLAND, Durham County Schools

12:15-2:00 p.m. LUNCHEON.....Union Ballroom

Presiding: ALAN K. MANCHESTER, Professor of History and Dean of Trinity College, Duke University

Address: A FUTURE FOR THE UNITED NATIONS

ARTHUR LARSON, Director, World Rule of Law Center, Duke University

NATIONAL STUDENT ASSOCIATION CONFERENCE

The Carolina-Virginia Region of the National Student Association Conference on Student Involvement in Extra-Campus Affairs will be held on the Duke campus on February 23-25th, and all sessions will be open to the general public. Official hosts for the Conference are the Duke Men and Women's Student Government Association.

Speakers for the various sessions, which will all be held in Room 114 Social Science Building, will include Professor Glenn Negley, who will give the keynote address, "The Student in the 1960's," at the first regular session; Mr. Tom Hayden, past editor of "The Michigan Daily," speaking on "An Evaluation of in Loco Parentis;" Miss Connie Curry, Agnes Scott College graduate and Director of the USNSA Southern Student Project in Atlanta, Georgia, speaking on "History and Development of the Southern Protest Movement;" Dr. Alphonso Elder, President of North Carolina College, speaking on "Responsibility to Society of the University;" and Mr. Paul Potter, graduate of Oberlin College and National Affairs Vice-President of USNSA, speaking on "The Responsibility of the University to Society."

NORTH CAROLINA SYMPHONY ORCHESTRA IN CHILDREN'S CONCERT

Duke parents will be interested in the Children's Concert to be presented by the North Carolina Symphony Orchestra on Friday, February 23rd, from 4:00 until 5:00 p.m. in the Durham High School Auditorium. All children will be admitted free to this special concert, and parents will be admitted by membership cards—either regular or student cards at \$1.00. It is suggested that children under eight be accompanied by an adult or older child.

"Little Symphony Stories" with program notes may be purchased through the schools or at Allied Arts for ten cents. The music teachers in the schools plan to prepare children for this program.

FACULTY CLUB LUNCHEON

The Faculty Club will meet at a luncheon at 12:30 p.m. on Thursday, February 22nd, in the Union Ballroom with His Excellency, Mr. B. K. Nehru, Ambassador of India to the United States, as honored guest and speaker.

Those attending may secure luncheon tickets, priced at \$1.25, at the door.

ADVANCE NOTICE MUSIC DEPARTMENT FACULTY SERIES JOHN HANKS, TENOR

The Department of Music will present a concert by John Hanks, tenor and Associate Professor, on Monday, February 26th, in the Music Room, East Duke Building, at 8:15 p.m. Mr. Hanks will be assisted by Ruth Friedberg, keyboard; Julia Mueller, violin; Lawrence Wallace, violin; Linda Speck, viola; Frances Baker, 'cello; Judy Hock, flute; James Henry, clarinet; Neal Huffaker, horn; Paul Bryan, trombone; Thomas Anderson, trombone; Robert Trickey, trombone; Millard Dunn, trombone; and William Blackburn, reader. The public is cordially invited to attend, and the program will be as follows:

I

Aria from "Merope" *Pietro Torri (1665-1737)*
"Sposa, no mi conosci"
Tenor, Flute, String Quartet and Harpsichord

II

Three Arias *J. S. Bach (1683-1750)*
1. "Ich bin vergnügt in meinem Leiden" Cantata No. 58
2. "Die Armen will der Her umarmen" Cantata No. 186
3. "Ich ende behende mein iudisches Leben" Cantata No. 57
Tenor, Solo Violin (Mrs. Mueller) and Harpsichord

III

Aria from "La Clemenza di Tito" *W. A. Mozart (1756-1791)*
"Parto, parto ma tu ben mio"
Tenor, Clarinet and Piano

IV

Lied: "Auf dem Strom" Op. 119 *Franz Schubert (1798-1828)*
Tenor, Horn and Piano

Intermission

V

"In Memoriam Dylan Thomas" (1954) *Igor Stravinsky (1882-)*

1. Prelude: Dirge-Canon
2. Song: Do not go gentle
3. Postlude: Dirge-Canon

Tenor, Four Trombones and String Quartet
Introduced by Dr. William Blackburn

VI

Song Cycle "On Wenlock Edge" *R. Vaughan-Williams (1872-1958)*

1. On Wenlock edge
2. From far, from eve and morning
3. If my team plowing
4. Oh, when I was in love with you
5. Bredon Hill
6. Clun

(Sung without pause)
Tenor, Piano and String Quartet

DUKE NURSERY SCHOOL VACANCY

There is an opening in the three-year-old group of the Duke University Nursery School. Interested parents may contact Miss Marie Hinman by calling extension 3673.

STUDENT UNION ART EXHIBIT ALBERT BLOCH: A RETROSPECTIVE

The Student Union is privileged to present to the campus a distinguished art exhibit of the original works of Albert Bloch, American artist. The one-man show may be seen in the Alumni Lounge, West Union Building, between the hours of 8:00 a.m. and 10:30 p.m., and the public is extended a cordial invitation to see them. The exhibit will remain in the Lounge through the month of February.

American born, Professor Bloch spent his early years in Europe where he became close friends and fellow exhibitor with such artists as Franz Marc, Kandinsky, and Klee and with them formed the loosely knit group known as "Der Blaue Reiter." After returning to America in 1921 and teaching at the Chicago Academy of Fine Arts, he became Professor and Director of the Department of Drawing and Painting in the School of Fine Arts at the University of Kansas until 1947 when he became Professor-emeritus. Mr. Bloch died in December, 1961.

WOMAN'S COLLEGE SCHOLARSHIPS

Application blanks for Baldwin and other Woman's College Scholarships are now available in Room 115 East Duke Building. The deadline for the applications is March 1.

ADVANCE NOTICE YALE-DUKE MEN'S GLEE CLUB CONCERT

On Saturday, March 10th, at 8:15 p.m. in Page Auditorium the Duke University Men's Glee Club, under the direction of Professor Paul Young, and the Yale University Glee Club, under the direction of Mr. Fenno Heath, will be presented in joint concert.

Mail order tickets priced at \$2.00, \$1.50, and \$1.00 are now being accepted at Box KM, Duke Station. Checks should be made payable to the Men's Glee Club and should be accompanied by stamped, self-addressed envelope.

ATTENTION ALL GRADUATE STUDENTS

Graduate students planning to complete all requirements for degree in June 1962, must file an "Intention to Graduate" form with the Graduate School Office by March 1, 1962. No candidates for June Commencement will be accepted after this deadline.

UNDERGRADUATE FACULTY COUNCIL

There will be no February meeting of the Undergraduate Faculty Council.

WEEK OF

Feb. 25-Mar. 3, 1962

WEEK OF

Feb. 25-Mar. 3, 1962

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, February 25

Denominational Meetings. See special notice.

9:30 a.m. Final Sessions, NSA Conference. Room 114 Social Science Building.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship, University Chapel. Preacher: The Reverend Dr. Waldo Beach, Professor of Christian Ethics, Divinity School. Sermon: "Empty Spaces." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Student Union presents "Jazz in Concert" with the Frank Bennett Quartet plus Two. Professor Allan Bone, Commentator. Asbury Auditorium.

Monday, February 26

3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:15 p.m. Zoology Seminar. Auditorium, Biological Sciences Building. Speaker: Dr. Donald J. Fluke.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

8:15 p.m. Music Department Faculty Series: John Hanks, tenor. Music Room, East Duke Building.

Tuesday, February 27

10:10 a.m. Divinity School Chapel Service. York Chapel. Professor Ed Smith.

4:00 p.m. Mathematics Seminar. Room 114 Physics Building. Speaker: Mr. Lowell Hinrichs.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:30 p.m. Philosophy Club Meeting. Room 201 Flowers Building. Speaker: Dr. Thomas Cordle.

8:00 p.m. Graduate Wives Club Meeting: Departments of Economics, History, and Political Science. Green Room, East Duke Building. Speaker: Mr. Alex Jones.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

Wednesday, February 28

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Professor Ed Smith.
- 4:00 p.m. Botany Seminar. Auditorium, Biological Sciences Building. Speaker: Dr. Leo Pine.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:05 p.m. Quadrangle Pictures. Page Auditorium. "Great Expectations" with Alec Guinness, John Mills, and Jean Simmons. "A perfect motion picture."—Times. "Wholly wonderful . . . everyone should see it!"—Post.
- 8:00 p.m. AAUP Meeting. Room 208 Flowers Building. Speaker: Dr. Peggy Heim.

Thursday, March 1

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Sam Jones.
- 11:30 a.m. Civil Engineering Seminar. Civil Engineering Staff Room, Engineering Building. Speaker: Dr. E. H. Bryan.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 3:30 p.m. The final examination of Miss Marcia Dell Davidson for the Ph.D. degree in Economics. Room 106B Social Science Building.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Nereidian Club Program: "Splashing Down Broadway." Woman's College Pool.

Friday, March 2

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Professor Ed Smith and Mr. Kelly Jones.
- 12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Asbury Auditorium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages six through sixteen, may also swim; those twelve and under must be accompanied by their mothers.

- 7:30 p.m. International Club Dancing. Ark.
- 8:00 p.m. Sigma Xi presents Fritz London Memorial Lecture. Auditorium, Biological Sciences Building. Speaker: Dr. Linus C. Pauling.
- 8:15 p.m. Music Department Recital: Alice Wilkinson, pianist. Music Room, East Duke Building.

Saturday, March 3

- 9:00 a.m. Final Examination of Mr. William Russell Hoyt for the Ph.D. Degree in Religion. Room 102 West Library.
- 11:30 a.m. Medical Center Lecture. Hospital Amphitheatre. Speaker: Dr. Alan Moritz.
- 7:00 and 9:05 p.m. Quadrangle Pictures. Page Auditorium. "Great Expectations" with Alec Guinness, John Mills and Jean Simmons. "A perfect motion picture."—Times. "Wholly wonderful . . . everyone should see it!"—Post.
- 8:15 p.m. Nereidian Club Program: "Splashing Down Broadway." Woman's College Pool.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Waldo Beach, Professor of Christian Ethics, Divinity School, will deliver the sermon at the University Service of Worship on Sunday, February 25th, at 11:00 a.m. in the University Chapel. His subject will be "Empty Spaces." The order of service follows:

The Reverend Robert P. Hyatt, Associate Director of Religious Life, West Campus, Presiding Minister.

Organ Prelude

Call to Worship—"Sanctus" from Mass II *Hassler*

Hymn—"Immortal, Invisible, God Only Wise" *Welsh melody*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Lord, for Thy Tender Mercies' Sake"

Richard Farrant

Scripture—Psalms 139: 1-12, 23-24

Hymn—"Once to Every Man and Nation" *Welsh hymn melody*

Call to Prayer

The Pastoral Prayer of Thanksgiving, Intercession, Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Thy Word Is A Lantern" *Henry Purcell*

Response—The Doxology

Prayer of Dedication

Sermon—"Empty Spaces"

Prayer

Benediction

The Sevenfold Amen

The Chimes

Organ Postlude

Stainer

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 6:30 P.M., Watts Street Baptist Church, Training School—Baptists in Historical Perspective. **Wednesday**, East Duke Union, Supper Meeting, get in line at 5:15 P.M., speaker will be Dr. John Carleton of the Divinity School. **Friday-Sunday**, at Southeastern Theological Seminary at Wake Forest, a Student Missions Conference.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., Chapel Room, East Duke Building, East Campus.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Holy Communion; 5:30 P.M., Supper and Discussion: "Sexual Values of College Students." **Wednesday**, 7:10 A.M. and 5:00 P.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Green Room, East Duke Building, Beginning of continuing study (alternate weeks) of distinctive Lutheran teachings with reference to other groups; The Augsburg Confession as a basic document in its historical setting, "Protestants, Princes, and Pope." **Wednesday**, 7:30 A.M., Holy Communion, Memorial Chapel of Duke Chapel.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Study Groups; 6:00 P.M., Worship; 7:00 P.M., Forum Hour, the Rev. Ivan Dornon, Campus Minister in Japan, "Christian Causes of the World Revolution." **Wednesday**, 6:00 P.M., Holy Communion. The Methodist Center will sponsor a seminar in New York City, March 24-27, on the theme, "Encounter With Revolution." The cost will be approximately \$35.00. Applications are now being accepted. Deadline for applications is March 1. See the Methodist chaplains or John Cole for an application form.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 9:00 A.M., Sunday School with breakfast at Westminster House; 6:30 P.M., Evening Vespers at Westminster House followed by "A Glimpse of Another World."

STUDENT UNION PRESENTS "JAZZ IN CONCERT"

The Student Union Fine Arts Committee will present an afternoon "JAZZ IN CONCERT" program with the "FRANK BENNETT QUARTET PLUS TWO." Professor Allan Bone of the Music Depart-

ment will comment informally on various aspects of Progressive Jazz. The concert is open to the public without charge and will be heard in Asbury Auditorium at 4:00 p.m. on Sunday, February 25th.

MUSIC DEPARTMENT FACULTY SERIES JOHN HANKS, TENOR

The Department of Music will present a concert by John Hanks, tenor and Associate Professor, on Monday, February 26th, in the Music Room, East Duke Building, at 8:15 p.m. Mr. Hanks will be assisted by Ruth Friedberg, keyboard; Julia Mueller, violin; Lawrence Wallace, violin; Linda Speck, viola; Frances Baker, 'cello; Judy Hock, flute; James Henry, clarinet; Neal Huffaker, horn; Paul Bryan, trombone; Thomas Anderson, trombone; Robert Triekey, trombone; Millard Dunn, trombone; and William Blackburn, reader. The public is cordially invited to attend, and the program will be as follows:

I

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Tenor, Flute, String Quartet and Harpsichord

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Tenor, Solo Violin (Mrs. Mueller) and Harpsichord

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Tenor, Horn and Piano

Intermission

V

"In Memoriam Dylan Thomas" (1954) *Igor Stravinsky (1882-)*

1. Prelude: Dirge-Canon
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Tenor, Four Trombones and String Quartet
Introduced by Dr. William Blackburn

VI

Song Cycle "On Wenlock Edge" *R. Vaughan-Williams (1872-1958)*

1. On Wenlock edge
2. From far, from eve and morning
3. If my team plowing
4. Oh, when I was in love with you
5. Bredon Hill
6. Clun

(Sung without pause)

Tenor, Piano and String Quartet

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, February 26th, in the Auditorium, Biological Sciences Building, at 4:15 p.m. Dr. Donald J. Fluke, Associate Professor of Zoology, will speak on "Further Prospects for Ultraviolet Action Spectroscopy." The construction of a large, double UV monochromator at Duke has made possible some preliminary projects in action spectroscopy of phage-hosts systems and of enzyme activity. These and new results elsewhere are of interest in identifying modes of ultraviolet action in living systems and in drawing some further inferences about the nature of the systems.

Refreshments will be served in the foyer at 4:00 p.m.

MATHEMATICS SEMINAR

On Tuesday, February 27th, the Mathematics Seminar will be held in Room 114 Physics Building at 4:00 p.m. Mr. Lowell Hinrichs of the University of Oregon will speak on "Topologies of Field Extensions." Coffee will be served at 3:30 p.m. in Room 132.

PHILOSOPHY CLUB MEETING

The Philosophy Club will meet on Tuesday, February 27th, at 7:30 p.m. in Room 201 Flowers Building. Dr. Thomas Cordle of the Department of Romance Languages will speak on "A Criticism of Camus' *The Rebel*."

GRADUATE WIVES CLUB MEETING DEPARTMENTS OF ECONOMICS, HISTORY, AND POLITICAL SCIENCE

There will be a meeting of the Graduate Wives Club of the Departments of Economics, History, and Political Science on Tuesday, February 27th, at 8:00 p.m. in the Green Room, East Duke Building. Mrs. Allen Cartter, who has accepted the sponsorship of the club, will be present, and a name for the new group will be discussed. The speaker will be Mr. Alex Jones of "Alex Jones Interiors." He will speak on interior decorating.

BOTANY SEMINAR

The Botany Seminar will meet on Wednesday, February 28th, at 4:00 p.m. in the Auditorium, Biological Sciences Building. Dr. Leo Pine, Department of Microbiology and the Medical Mycology Laboratory, will speak on "Taxonomical Aspects of the Order Actinomycetales." Refreshments will be served in the foyer at 4:00 p.m.

A. A. U. P. MEETING

There will be a meeting of the Duke Chapter of the American Association of University Professors open to all members of the Faculty and Administration on Wednesday, February 28th, at 8:00 p.m. in Room 208 Flowers Building. Dr. Peggy Heim of the Washington office of the A. A. U. P., Staff Administrator of the Self-Grading Compensation Survey, will speak on the topic "A Preview of Academic Salaries and Fringe Benefits Programs, 1961-62." In addition, Professor Bevington will present the report of the Committee on Academic Salaries and Living Costs. Copies of the report will be distributed at the meeting. Please note the change in the place of meeting.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Miss Marcia Dell Davidson for the Ph.D. degree in Economics will be held on Thursday, March 1st, at 3:30 p.m. in 106B Social Science Building. The subject of Miss Davidson's dissertation is "Three Spanish Economists of the Enlightenment: Campomanes, Jovellanos, Florez Estrada." The committee to conduct the examination consists of Professors J. J. Spengler, C. B. Hoover, W. P. Yohe, R. S. Smith, and J. H. Proctor. Professor Spengler will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. William Russell Hoyt for the Ph.D. degree in Religion will be held on Saturday, March 3rd, at 9:00 a.m. in the Library Conference Room (Room No. 102). The subject of Mr. Hoyt's dissertation is "The Religious Thought of Gardiner Spring with Particular Reference to His Doctrine of Sin and Salvation." The committee to conduct the examination consists of Professors H. Shelton Smith, Waldo Beach, Stuart C. Henry, James L. Price, Jr., and John H. Hallowell. Professor Smith will preside.

CIVIL ENGINEERING SEMINAR

A seminar on "Current Trends in Sanitary Engineering Research" will be given by Dr. E. H. Bryan, Associate Professor, Civil Engineering Department, at 11:30 a.m. on Thursday, March 1st, in the Civil Engineering Staff Room, Engineering Building. All interested persons are cordially invited to attend.

NEREIDIAN CLUB PROGRAM

On Thursday, March 1st, and Saturday, March 3rd, at 8:15 p.m. the Nereidian Club will present "Splashing Down Broadway" in the Woman's College Pool. The program will include solo, duet, trio, and group numbers; each of which was composed by a Nereidian Club member. Tickets are free and may be obtained in the Woman's College Gym Office. Due to limited space, admission will be by ticket only.

SIGMA XI PRESENTS FRITZ LONDON MEMORIAL LECTURE

The Duke University Chapter of Sigma Xi announces the sixth Fritz London Memorial Lecture to be given by Dr. Linus C. Pauling on Friday, March 2nd, at 8:00 p.m. in the Auditorium of the Biological Sciences Building. Dr. Pauling, Professor of Chemistry, California Institute of Technology, will speak on "The One-Bond Theory of Anti-ferromagnetism and Ferrimagnetism." The public is invited.

DEPARTMENT OF MUSIC RECITAL ALICE WILKINSON, PIANIST

The Department of Music will present a recital by Alice Wilkinson, pianist, on Friday, March 2nd, at 8:15 p.m. in the Music Room, East Duke Building. Mrs. Wilkinson is an instructor in the Department. She will be assisted by Julia Mueller, violinist, and William Klenz, 'cellist. The public is cordially invited and the program will be as follows:

Chorale Prelude: Nun komm' der Heiden Heiland

Bach-Busoni

Prelude and Fugue in E, Book I

Bach

Sonata in D minor, Op. 31, No. 2

Beethoven

Largo-Allegro

Adagio

Allegretto

Intermission

Trio in B, Op. 8

Brahms

Allegro con brio

Scherzo-Allegro molto

Adagio

Allegro

Mrs. Mueller, Dr. Klenz, Mrs. Wilkinson

MEDICAL CENTER LECTURE

The Department of Pathology, Medical Center, will present Dr. Alau Moritz, Professor and Chairman, Department of Pathology, Western Reserve University, Cleveland, on Saturday, March 3rd, at 11:30 a.m. in the Hospital Amphitheatre. Dr. Moritz will speak on "When Murder Masquerades as Death from Natural Causes or Misadventure." The student body and all other interested persons are invited to attend.

ADVANCE NOTICE ARTISTS SERIES

ELISABETH SCHWARZKOPF, SOPRANO

On Friday, March 9th, at 8:15 p.m. ELISABETH SCHWARZKOPF will be presented in Page Auditorium, the last concert of the 1961-62 Artists Series. From her American appearance in 1953, she has been an annual visitor to the United States for concert appearances and recitals. Fond of opera, Miss Schwarzkopf's major interest, however, is recital, particularly in programs composed of lieder. Her recent Paris debut was a resounding success (See TIME, February 23, 1962).

The program is

Bist du bei mir	<i>Bach</i>
Einem Bach der fließt	<i>Gluck</i>
Care selve (from "Atalanta")	<i>Handel</i>
Voi che sapete (from "The Marriage of Figaro")	<i>Mozart</i>

An die Musik	}	<i>Schubert</i>
Der Einsame		
Die Voegel		
Auf dem Wasser zu singen		
Vedi quanto adoro		
(from Metastasio's "Didone")		

Intermission

Kennst du das Land	}	<i>Wolf</i>
Philine		
Bedeckt mich mit Blumen		
In dem Schatten meiner Locken		
Nachtrauber		
Ruhe, meine Seele	}	<i>R. Strauss</i>
Schlechtes Wetter		
Hat's gesagt, bleibt's nicht dabei		

Remaining tickets for this concert are priced at \$2.00 and may be obtained by calling 681-0111, extension 2911, by coming to Room 202-A Flowers Building, or by writing Box KM, Duke Station. For mail orders, please enclose a self-addressed, stamped envelope.

THE ANNE FLEXNER MEMORIAL AWARD FOR CREATIVE WRITING

The Anne Flexner Memorial Award is given annually for the best piece of creative writing submitted by an undergraduate student at Duke University. It consists of \$50.00 in cash and a book allowance of \$25.00. The award last year went to Anne Tyler for "The Saints in Ceasar's Household."

CONDITIONS

1. The prize is open to all undergraduates, both men and women.
 2. Only short stories (5000-word limit), one-act plays (5000-word limit), poems (100-line limit), and informal essays (3000-word limit) are eligible.
 3. Only one manuscript may be submitted by any contestant.
 4. All manuscripts must be typed double spaced and must be delivered to the English Office (325 Allen Building) by April 21. The author's name and address must appear nowhere except on a separate sheet placed before the manuscript.
 5. At the judges' discretion, the prize may be split equally between a winning prose and a winning poetry entry.
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STUDENT UNION ART EXHIBIT CONTEMPORARY SOUTH AMERICAN ART

The Student Union Fine Arts Committee, with the co-operation of the Department of Art, will present a showing of Contemporary South American Paintings in the recently remodeled gallery of the Woman's College Library. This showing, which may be seen during the month of March, is open to the public without charge during the regular library hours.

The exhibit has been assembled by Gaillard F. Ravenel, '63, from private collections and individual artists in the Washington area.

The artists whose works are on exhibition include both the modern masters of Latin America: Matta of Chile; Tamajo of Mexico; and Lam of Cuba, as well as a cross section of the leaders of the contemporary school: Millian of Cuba; Castroid of Chile; Obrigon of Columbia; Mabe of Brazil; and Cuevas of Mexico.

DUKE NURSERY SCHOOL VACANCY

There is an opening in the three-year-old group of the Duke University Nursery School. Interested parents may contact Miss Marie Hinmau by calling extension 3673.

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WEEK OF
March 4-10, 1962

CALENDAR

WEEK OF
March 4-10, 1962

OF DUKE UNIVERSITY



Events of the Week

Sunday, March 4

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Sermon: "A Word for the Adventurer." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Organ Recital. Mildred L. Hendrix, University Organist. University Chapel.

Monday, March 5

3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:15 p.m. Zoology Seminar. Auditorium, Biological Sciences Building. Speaker: Dr. Dennis Lacy.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

7:30 p.m. 1962 Duke Symposium: "Power Structures: Context for Creativity?" Page Auditorium. Speaker: Mr. Moorhead Wright. (See special notice.)

8:00 p.m. Duke Nursery School Parents Meeting. Bivins Building. Speaker: Dr. L. J. Borstelmann

8:00 p.m. Erasmus Club Meeting. Green Room, East Duke Building. Speaker: Dr. Hans Baron.

8:15-9:30 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Tuesday, March 6

10:10 a.m. Divinity School Chapel Service. York Chapel. Professor Egil Grislis.

1:30 p.m. The final examination of Mr. Andrew J. Gabor for the Ph.D. degree in Anatomy. Room M-405 Medical School.

3:00 p.m. Symposium informal coffee hours: (1) Alumni Room, East Duke Building, with Mr. Ciardi. (2) Independent Dormitory Lounge, with Dr. Shoben.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 4:00 p.m. Sociology Lecture. Room 208 Flowers Building. Speaker: Professor Solon T. Kimball.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 6:00 p.m. A.A.U.W. Dinner Meeting. Durham Y.W.C.A. Speaker: Mr. George V. Allen.
- 7:30 p.m. 1962 Symposium: "Power Structures: Context for Creativity?" Page Auditorium. Speaker: Mr. John Ciardi. (See special notice.)

Wednesday, March 7

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Professor Egil Grislis.
- 11:00 a.m. Divinity School Assembly Program. York Chapel. Lecturer: Bishop Nolan B. Harmon.
- 3:00 p.m. Symposium Coffee Hours: (1) Beta Theta Pi Section, with Mr. Wright. (2) Alumni Room, East Duke Building, with Mr. Shoben. (3) Independent Dormitory Lounge, with Mr. Ciardi.
- 4:00 p.m. Economics Seminar. Room 114 Social Science Building. Speaker: Professor Milton Friedman.
- 4:00 p.m. Interdepartmental Seminar on the Anatomical and Physiological Bases of Behavior. Hospital Amphitheatre. Speaker: Dr. Robert B. Livingstone.
- 4:30 p.m. Joint Duke-U.N.C. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Jerome Bruner.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:30 p.m. Trinity College Historical Society Dinner Meeting. S & W Cafeteria, 501 West Chapel Hill Street. Speaker: Dr. Hans Baron.
- 6:45 and 9:05 p.m. Quadrangle Pictures. Page Auditorium. (NOTE: Special Starting Times) "IKIRU," Ikira Kurosawa's Japanese masterpiece of a pathetically ordinary man who begins to live only when he begins to die. "One of the best films of the year!"—Times, Post, Saturday Review, Time Magazine. "Best film of year"—Stratford Film Festival. "One of world's great pictures"—New York Post.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:00-9:00 p.m. Open Hour Badminton open to faculty and students. Woman's College Gymnasium.

7:15 p.m. Symposium Address: Dr. Edward Shoben, Jr. Page Auditorium.

Thursday, March 8

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Timothy Hickey.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, March 9

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Holy Communion. Professor Egil Grislis, celebrant.
- 12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.
- 2:00 p.m. Graduate English Club Literary Meeting. Room 208 Flowers Building. (See special notice for schedule.)
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Asbury Auditorium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages six through sixteen, may also swim; those twelve and under must be accompanied by their mothers.
- 7:00 p.m. Student Union Pre-Artist Series Seminar on Schwarzkopf program. Music Lounge, Flowers Building. Speaker: Professor John Hanks.
- 8:15 p.m. Artists Series: Elizabeth Schwarzkopf, soprano. Page Auditorium.

Saturday, March 10

- 9:00 a.m. English Graduate Club Literary Meeting. Room 208 Flowers Building.
- 8:15 p.m. Joint Concert: Yale-Duke Glee Clubs. Page Auditorium.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Howard C. Wilkinson, Chaplain to the University, will deliver the sermon at the University Service of Worship on Sunday, March 4th, at 11:00 a.m. in the University Chapel. His subject will be "A Word for the Adventurer." The order of service follows:

The Reverend Professor James T. Cleland, Dean of the Chapel, Presiding Minister
Organ Prelude—Chorale in A minor *Cesar Franck*
Call to Worship—"Sanctus" from Mass II *Hassler*
Hymn—"All Hail the Power of Jesus' Name!" *Oliver Holden*
Prayer of Confession
Words of Assurance
The Lord's Prayer
Anthem—"Teach Me, O Lord" *Thomas Attwood*
Scripture—Matthew 25:31-45
Hymn—"The Voice of God Is Calling" *Welsh hymn melody*
Call to Prayer
The Pastoral Prayer of Thanksgiving, Intercession, Petition, and Dedication
The Offering
Offertory Organ Interlude
Anthem—"Gloria in Excelsis Deo" *Johann Bach*
Response—The Doxology
Prayer of Dedication
Sermon—"A Word for the Adventurer"
Prayer
Benediction
The Sevenfold Amen *Stainer*
The Chimes
Organ Postlude—Allegro from Concerto in D minor *Bach-Vivaldi*

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 6:30 P.M., Watts Street Baptist Church, Dr. Hargus Taylor will speak on, "Baptists and the World Church"; 8:30 P.M., Fellowship at home of Rev. Julius Corpening, 1405 Arnette Avenue. **Wednesday, 6:00 P.M.,** East Campus Ark, Rev. Charles Martin, Director of Baptist Student Work in Tokyo, Japan. Rev. Martin will be available for interviews in Chaplain Stines' office from 4:30 until 6:00 Wednesday. Those persons interested in overseas student work are especially urged to use this opportunity. **Friday, 8:30 P.M.,** Executive Committee meets at home of Chaplain Stines.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., Chapel Room, East Duke Building, East Campus.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Holy Communion; 5:30 P.M., Evensong and Supper at the Center; 6:30 P.M., Folk song program. **Wednesday, 7:10 A.M. and 5:00 P.M.,** Ash Wednesday Services.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Green Room, East Duke Bldg., Mergers and

Councils in the Churches. **Wednesday, 7:30 A.M.,** Ash Wednesday, Holy Communion, Memorial Chapel of Duke Chapel.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Study-Discussion Seminars; 6:00 P.M., Worship, Dr. W. A. Kale, President of the Interconference Commission preaching; 7:00 P.M., Forum Hour, Dean Robert Cushman of the Divinity School will speak on "How Shall We Look at the Church?" **Wednesday, 6:00 P.M.,** Celebration of the Lord's Supper using the Liturgy of the Church of South India.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 9:00 A.M., Westminster House on Alexander Avenue, Sunday School and Breakfast; 6:30 P.M., Vespers and Open House, light refreshments.

ORGAN RECITAL

On Sunday, March 4th, at 4:00 p.m. in the University Chapel, Mildred L. Hendrix, University Organist, will give a recital. The public is cordially invited to attend.

The program follows:

Toccata	<i>George Muffat</i> (1645?-1704)
Chorale Prelude	<i>J. S. Bach</i> (1685-1750)
"O Guiltless Lamb of God"	<i>Cesar Franck</i> (1822-1890)
Prelude, Fugue et Variation	<i>Healy Willan</i> (1880-)
Chorale Prelude	<i>Darius Milhaud</i> (1892-)
On a Melody by Melchior Vulpus	<i>Marcel Dupre</i> (1886-)
Pastorale	<i>Camille Saint-Saens</i> (1835-1921)
Antiphon III	
Prelude and Fugue in E flat	

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, March 5th, in the Auditorium, Biological Sciences Building, at 4:15 p.m. Dr. Dennis Lacy, Chairman of the Department of Zoology and Electron Microscopic Unit, St. Bartholomew Hospital Medical College, University of London, will speak on "Co-ordination of Spermatogenesis Activity in Mammals." For the past several years, Dr. Lacy has studied spermatogenesis in mammals that do not follow a seasonal reproductive cycle and has developed a theory of regulation of spermatogenesis by Sertoli cells. His seminar will be concerned with further studies on the regulation of spermatogenesis utilizing hormones and ionizing radiation.

1962 DUKE SYMPOSIUM "POWER STRUCTURES: CONTEXT FOR CREATIVITY?"

The third annual Duke Symposium, "Power Structures: Context for Creativity?" will open on Monday evening, March 5th, and continue through Wednesday evening, March 7th. The Symposium will probe the influences of power structures on man's creative urges through the three-day series of lectures, seminars, and informal coffee hours. The major speakers who will address the University Community on the three successive evenings are Mr. Moorhead Wright, Director of General Electric Company's Management Institute; Mr. John Ciardi, poetry editor of the *Saturday Review*; and Dr. Edward J. Shoben, Jr., of the Department of Psychological Foundations and Services, Columbia University.

The Symposium Committee, of which Karl Ray, '62, is chairman, is composed of representatives from major student organizations, faculty, and administration. The entire cost of the Symposium is borne by these student organizations, and all meetings are open to the public without charge. Faculty and staff members are urged to attend the sessions and to encourage their students' participation.

The schedule follows:

Monday, March 5

7:30 p.m. Address: "The Individual and the Organization."

Page Auditorium. Speaker: Mr. Moorhead Wright.

9:00 p.m. Seminar: "Power Structures and the Economic System." Page Auditorium. Panel: Dr. Shoben, Mr. Wright, Mr. Ciardi, Dr. deVyver, Dr. Sindler, Bill Crain '62, moderator.

Tuesday, March 6

3:00 p.m. Informal Coffee Hours: Alumni Room, East Duke Building, with Mr. Ciardi.
Independent Dormitory Lounge, with Dr. Shoben.

7:15 p.m. Address: "The Poet and Society." Page Auditorium. Speaker: Mr. John Ciardi.

8:45 p.m. Seminar: "Power Structures and the Arts." Page Auditorium. Panel: Dr. Shoben, Mr. Ciardi, Mr. Iain Hamilton (British composer in residence), Mr. Gregory Ivy (artist of Greensboro), Mel Thrash, '62, moderator.

Wednesday, March 7

3:00 p.m. Informal Coffee Hours: Beta Theta Pi Fraternity Section, with Mr. Wright.
Alumni Room, East Duke Building, with Dr. Shoben.
Independent Dormitory Lounge, with Mr. Ciardi.

7:15 p.m. Address: "Power Structures and Individuality Reconsidered." Woman's College Auditorium. Speaker: Dr. Edward J. Shoben, Jr.

8:45 p.m. Seminar: "Power Structures and Education." Woman's College Auditorium. Panel: Dr. Shoben, Mr. Wright, Mr. Ciardi, Dr. Gross, Jerry Barrier, '62, moderator.

DUKE NURSERY SCHOOL PARENTS MEETING

The Duke University Nursery School Parents will meet Monday, March 5th, at 8:00 p.m. in Bivins Building. Dr. L. J. Borstelmann will speak on "The Development of Intelligence in the Pre-school Years."

ITALIAN RENAISSANCE LECTURES: DR. HANS BARON

Dr. Hans Baron, Fellow of the Newberry Library, Chicago, will be a guest lecturer on campus, March 5-9, under the auspices of the Duke Humanities Council, the Department of History, the Erasmus Club, and the Trinity College Historical Society. The University Community and public are cordially invited to two general lectures:

"Petrarch and the Dawn of the Humanistic Idea of Human Nature"

Monday, March 5, 8:00 p.m., Green Room, East Duke Building, Erasmus Club Meeting.

"The Institutions and the Spirit of the Florentine Republic c. 1400"

Wednesday, March 7, 5:30 p.m., S & W Cafeteria, Trinity College Historical Society Dinner Meeting.

Dr. Baron will also hold three seminar meetings at 2:00 p.m., Tuesday, Thursday, and Friday, March 6th, 8th, and 9th, in East Duke Building. The topics are as follows:

"Political Conditions of Renaissance Italy, Especially the City State"

"Dante and the *virtutes Romanae*"

"The Problem of the Transition from the 'Medieval' to the Renaissance' as Reflected in Dante's *De Monarchia*"

These seminars are open to faculty and interested graduate students. For further information call Ernest W. Nelson, 681-0111, extension 3694.

ERASMUS CLUB MEETING

The Erasmus Club will meet at 8:00 p.m. on Monday, March 5th, in the Green Room, East Duke Building. The speaker will be Dr. Hans Baron, Fellow of the Newberry Library, Chicago, who will speak on "Petrarch and the Dawn of the Humanistic Idea of Human Nature." A cordial welcome is extended to all.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Andrew J. Gabor for the Ph.D. degree in Anatomy will be held on Tuesday, March 6th, at 1:30 p.m. in Room M-405 Medical School. The subject of Mr. Gabor's dissertation is "The Claustrium: A Behavioral and Electrographic Study." The committee to conduct the examination consists of Professors Talmadge L. Peele, J. E. Markee, J. W. Everett, W. E. Hull, and E. C. Horn. Professor Peele will preside.

SOCIOLOGY LECTURE

The Department of Sociology and Anthropology will present Professor Solon T. Kimball, Columbia University, in a public lecture on "The Corporate Society and Education," on Tuesday, March 6th, at 4:00 p.m. in Room 208 Flowers Building. Professor Kimball is past president of the Society for Applied Anthropology and has had widely varied research and field experience. Among other assignments, he has been head of the Community Organization Section, War Relocation Authority; head of socio-economic surveys, Navajo Reservation, Consultant to the Bureau of Indian Affairs; and UNESCO Technical Consultant on Community and Education to the Brazilian Ministry of Education. Professor Kimball has been author or co-author of such well-known volumes as *Family and Community in Ireland*, *Community Government in War Relocation Centers*, and *The Talladega Story*.

All interested persons are cordially invited to attend.

A.A.U.W. DINNER MEETING

The American Association of University Women will hear an address by Mr. George V. Allen on "New Dimensions in Diplomacy" at their dinner meeting at the Y.W.C.A. on Tuesday, March 6th, at 6:00 p.m. Mr. Allen, now president of the Tobacco Institute in Washington, has been one of twelve career diplomats in the United States and also recently acted as Director of the United States Information Bureau. Reservations for the dinner should be made by Sunday evening by calling Miss Florence Blakely, 688-5941. Guests will be welcome at the program which will begin at 7:00 p.m.

DIVINITY SCHOOL ASSEMBLY

The Committee on Lectures and Public Events is happy to announce the visit of Bishop Nolan B. Harmon on Ash Wednesday, March 7th, at 11:00 a.m. in York Chapel. He will speak on "Time and the Christian." The public is cordially invited to attend.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, March 7th, at 4:00 p.m. in the Auditorium, Biological Sciences Building. Dr. W. E. Loomis, Visiting Professor of Botany, will speak on "Photosynthesis—The Basis of Life." This will be a general lecture on the fundamentals of the photosynthetic process as it is known in modern-day botany.

Refreshments will be served in the foyer at 4:00 p.m.

ECONOMICS SEMINAR

The Economics Seminar will meet on Wednesday, March 7th, at 4:00 p.m. in Room 114 Social Sciences Building. Professor Milton Friedman of the University of Chicago will speak on "The Role of Money in the Business Cycle."

INTERDEPARTMENTAL SEMINAR ON THE ANATOMICAL AND PHYSIOLOGICAL BASES OF BEHAVIOR

The first seminar on the Anatomical and Physiological Bases of Behavior will be held Wednesday, March 7th, at 4:00 p.m. in the Hospital Amphitheater. Dr. Robert B. Livingstone, Chief of the Laboratory of Neurobiology, National Institute of Mental Health, will speak on "Central Control of Sensory Transmission."

ADVANCED NOTICE FACULTY CLUB THEATRE PARTY

The Faculty Club announces a Saint Patrick's Day Theatre Party scheduled for Saturday, March 17th. A social hour will begin the evening in the Union Ballroom at 7:15 p.m. The main entertainment is "The Skin of Our Teeth," the Duke Players performance beginning at 8:30 p.m. A block of seats in Page Auditorium has been reserved for the Faculty Club for the evening's performance. Tickets for the play may be purchased from S. C. Harward, Room 304 Allen Building, for \$1.25 each person. The deadline for all sales is Friday noon, March 16th.

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, March 8th, at 12:30 p.m. in Room 114 Biological Sciences Building. Miss Patricia Rand will speak on "The Use and Abuse of Government Land Survey Notes in Vegetation Studies."

TRINITY COLLEGE HISTORICAL SOCIETY DINNER MEETING

On Wednesday, March 7th, the Trinity College Historical Society will hold its March meeting at 5:30 p.m. in the private dining room of the S & W Cafeteria, 501 West Chapel Hill Street. The distinguished Renaissance scholar, Hans Baron will speak on "The Institutions and the Spirit of the Florentine Republic About 1400." Having received his Ph.D. degree from the University of Berlin at the age of twenty-two, Dr. Baron eventually left his native Germany in 1933 and embarked upon a highly successful career in America. In addition to serving on the faculties of Queens College and Johns Hopkins University, Dr. Baron was a member of the Institute for Advanced Study, 1944-48, and since 1949 has been Resident Fellow and Bibliographer at The Newberry Library in Chicago. His publications have included the notable two-volume study, *The Crisis of the Early Italian Renaissance; Civic Humanism and Republic Liberty in a Age of Classicism and Tyranny*, a book on *Humanistic and Political Literature in Florence and Venice at the Beginning of the Quattrocento*, and a distinguished contribution to the first volume, *The Renaissance, 1493-1520* (G. R. Potter, editor), in the New Cambridge Modern History series.

Dr. Baron's address before the Society will highlight a special week-long visit he is making to Duke, where he will be participating in various other seminars and meetings. But this visit also provides the special occasion of a reunion between Dr. Baron and the Trinity College Historical Society; back in 1938, not long after his arrival in America, Hans Baron delivered an address here on "The Spirit of Capitalism and the Italian Renaissance."

GRADUATE ENGLISH CLUB LITERARY MEETING

On Friday and Saturday, March 9th and 10th, the Graduate English Club will present a series of programs on the general topic, "Later Victorian Fiction." All interested persons are invited to attend.

The program follows:

Friday, March 9th

2:00 p.m. Room 208 Flowers Building. Richard Sanders, Duke, presiding.

Robert Watson, Woman's College, U.N.C.

"The 'Difficult' Novel, George Meredith, His *One of Our Conquerors: Fig Leaves*"

J. O. Bailey, U.N.C.

"*The Return of the Native* under the Microscope"

Lionel Stevenson, Duke

"Romantic Themes"

Saturday, March 10th

9:30 a.m. Room 208 Flowers Building. Merle Bevington, Duke, presiding.

Sanford Marovitz, Duke

"*The Marble Faun* and *Roderick Hudson*"

Donald Reiman, Duke

"Rhetorical Techniques in James's Shorter Fiction"

Oscar Cargill, New York University

"*The Turn of the Screw* and Alice James"

2:00 p.m. Room 208 Flowers Building. William Blackburn, Duke, presiding.

Merrill M. Skaggs, Duke

"The Problem of Point of View in *Victory*"

George Williams, Duke

"The Turn of the Tide in *Heart of Darkness*"

Porter Williams, Jr., N. C. State

"The Matter of Conscience in Conrad's *The Secret Sharer*"

Maurice L. Beebe, Purdue University

"Conrad and the Second Self"

DUKE UNIVERSITY GROUP TRAVEL PLAN

Subject to conditions outlined below, a limited number of persons in the Duke Community may secure a greatly reduced rate on transatlantic transportation this summer. Travel will be by KLM DC 8 jet plane, New York to London on June 14th, and Amsterdam to New York on August 27th. Price—\$326 round trip. Regular price is \$525.60.

CONDITIONS

1. Group must contain at least 25 members. Two children, ages 2 to 12 years, count as one member.
2. Eligible for membership—students and personnel who have been continuously affiliated with Duke for at least 6 months prior to application. Personnel may be accompanied by their immediate families.
3. Reservation deposit of \$50 must accompany application. This will be applicable to the fare and totally refundable in case of cancellation prior to final payment. Balance of fare payable not later than May 8th.
4. In case of cancellation after final payment and up to 5 days before departure, refund can be made to as many as 10 persons provided replacements are secured. Group may not depart without 25 paid passages. Cancelling members may apply their reduced fare to a full rate flight on another date. In such case, the reduced portion of the regular fare will not be refundable should there be a second cancellation.
5. Members must travel round trip with the group. Applications may be secured in Room 202-A Flowers Building.

JOINT DUKE-U.N.C. PSYCHOLOGY COLLOQUIUM

The Joint Duke-U.N.C. Psychology Colloquium will meet Wednesday, March 7th, at 4:30 p.m. in Room 209 Bivins Building. Dr. Jerome Bruner of the Center for Cognitive Studies at Harvard University will speak on the general topic of "Thinking and Language Development in Children." Coffee will be served at 4:00 p.m.

YALE-DUKE MEN'S GLEE CLUB CONCERT

On Saturday, March 10th, at 8:15 p.m. the Men's Glee Clubs of Yale and Duke will present a joint concert. The Yale Club, under the direction of Fenno Heath, is one of the outstanding glee clubs in the United States and last summer earned superior reviews on its South American tour. Also performing will be the club's specialty group, the Whiffenpoofs.

The Duke Club, under the direction of Paul Young, is making its first appearance since its joint concerts with the University of Michigan at Ann Arbor last November.

The program follows:

YALE

O Filii et Filiae	Volekmar Leisring
Crucifixus	Antonio Lotti
Three Blake Songs	Fenno Heath
1. Jerusalem	
2. The Tiger	
3. The Lamb	

Tenor Soloist: George Hamlin, '63

Pues Bien, Yo Necesito	Sanchez Malaga (Peru)
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Baritone Soloist: William Gross, '62

O Tremasinho (The Little Train)	Heitor Villa Lobos
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THE WHIFFENPOOFS OF 1962

When Johnny Comes Marching Home	arr: Fenno Heath
Poor Wayfaring Stranger	arr: Jackson-Gatwood

Tenor Soloist: Richard C. Carroll, '62

Humble	arr: Marshall Bartholomew
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Tenor Solist: Amos T. Wilder, '62

Ride the Chariot (Negro Spiritual)	William Henry Smith
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Tenor Soloist: Charles T. Michener, '62

Baritone Soloist: D. Warner North, '62

INTERMISSION

DUKE

Plorate, filii Israel	Carissimi
	arr: Archibald T. Davison

Cantate Domino	Hans Leo von Hassler
	arr: A.T.D.

Salvation belongeth to our God	Paul Tchesnokov
	arr: A.T.D.

Tarantella	Randall Thompson
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The Ballad of Little Musgrave and Lady Barnard	Benjamin Britten
	arr: Bartholomew

Keep in the Middle of the Road	arr: Tom Scott
The Foggy, Foggy Dew	
Casey Jones	Edward B. Lawton

Black Is the Color of My True Love's Hair	
	arr: Stuart Churchill

Ain't-a That Good News	William L. Dawson
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YALE AND DUKE

Soldiers' and Students' Chorus	Hector Berlioz
from "The Damnation of Faust"	

The Alma Maters	
Bright College Years	Dear Old Duke

Reserved seats for this concert are priced at \$1.00, \$1.50, and \$2.00 and may be purchased at the Page Box Office between 12:30 and 5:00 p.m., Monday—

Thursday, and all day Friday and Saturday (Telephone 681-0111, extension 2911), at other hours in Room 210 Flowers Building (Telephone 681-0111, extension 3898), or by writing Box KM, Duke Station. For mail orders, please enclose a self-addressed, stamped envelope.

ARTISTS SERIES

ELISABETH SCHWARZKOPF, SOPRANO

On Friday, March 9th, at 8:15 p.m. ELISABETH SCHWARZKOPF will be presented in Page Auditorium, the last concert of the 1961-62 Artists Series. From her American appearance in 1953, she has been an annual visitor to the United States for concert appearances and recitals. Fond of opera, Miss Schwarzkopf's major interest, however, is recital, particularly in programs composed of lieder. Her recent Paris debut was a resounding success (See TIME, February 23, 1962).

The program is

Bist du bei mir	Bach
Einem Bach der fließt	Gluck
Care selve (from "Atalanta")	Handel
Voi che sapete (from "The Marriage of Figaro")	Mozart

An die Musik	} Schubert
Der Einsame	
Die Voegel	
Auf dem Wasser zu singen	
Vedi quanto adoro	
(from Metastasio's "Didone")	

Intermission

Kennst du das Land	} Wolf
Philine	
Bedeckt mich mit Blumen	
In dem Schatten meiner Locken	
Nachtzauber	
Ruhe, meine Seele	} R. Strauss
Schlechtes Wetter	
Hat's gesagt, bleibt's nicht dabei	

Remaining tickets for this concert are priced at \$2.00 and may be obtained by calling 681-0111, extension 2911, by coming to Room 202-A Flowers Building, or by writing Box KM, Duke Station. For mail orders, please enclose a self-addressed, stamped envelope.

Preceding the concert at 7:00 p.m. there will be a seminar with Professor John Hanks of the Music Department in the Music Lounge of Flowers Building. The session, under the sponsorship of the Student Union Fine Arts Committee, is open to the public without charge.

QUADRANGLE PICTURES CLOSED

Quadrangle Pictures will be closed Saturday, March 10th for the performance of the Yale-Duke Glee Clubs.

UNDERGRADUATE FACULTY COUNCIL

There will not be a March meeting of the Undergraduate Faculty Council.

THE ANNE FLEXNER MEMORIAL AWARD FOR CREATIVE WRITING

The Anne Flexner Memorial Award is given annually for the best piece of creative writing submitted by an undergraduate student at Duke University. It consists of \$50.00 in cash and a book allowance of \$25.00. The award last year went to Anne Tyler for "The Saints in Ceasar's Household."

CONDITIONS

1. The prize is open to all undergraduates, both men and women.
2. Only short stories (5000-word limit), one-act plays (5000-

word limit), poems (100-line limit), and informal essays (3000-word limit) are eligible.

3. Only one manuscript may be submitted by any contestant.
 4. All manuscripts must be typed double spaced and must be delivered to the English Office (325 Allen Building) by *April 21*. The author's name and address must appear nowhere except on a separate sheet placed before the manuscript.
 5. At the judges' discretion, the prize may be split equally between a winning prose and a winning poetry entry.
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STUDENT UNION ART EXHIBIT CONTEMPORARY SOUTH AMERICAN ART

The Student Union Fine Arts Committee, with the co-operation of the Department of Art, will present a showing of Contemporary South American Paintings in the recently remodeled gallery of the Woman's College Library. This showing, which may be seen during the month of March, is open to the public without charge during the regular library hours.

The exhibit has been assembled by Gaillard F. Ravenel, '63, from private collections and individual artists in the Washington area.

The artists whose works are on exhibition include both the modern masters of Latin America: Matta of Chile; Tamajo of Mexico; and Lam of Cuba, as well as a cross section of the leaders of the contemporary school: Millian of Cuba; Castrocid of Chile; Obrigon of Columbia; Mabe of Brazil; and Cuevas of Mexico.

WEEK OF
March 11-17, 1962

CALENDAR

WEEK OF
March 11-17, 1962

OF DUKE UNIVERSITY



Events of the Week

Sunday, March 11

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Dr. Eduard Schweizer, Professor of New Testament, University of Zurich.

4:00 p.m. Student Voice Recital: Claudia Bray, mezzo-soprano. Music Room, East Duke Building.

7:45 p.m. Department of Religion Lecture. Presbyterian Student Center, Alexander Street. Speaker: Dr. Eduard Schweizer.

Monday, March 12

3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:15 p.m. Zoology Seminar. Auditorium, Biological Sciences Building. Speaker: Dr. F. Ghinetti.

4:30 p.m. Fallout Preparedness Committee Meeting. Trustee Boardroom, Allen Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

7:30 p.m. Student Union Adventure Film and Lecture: "Trade Wind Islands: Piteairn to Zanzibar," Captain Irving M. Johnson. Page Auditorium.

8:00 p.m. Department of Religion Lecture. Room 208 Flowers Building. Speaker: Dr. Eduard Schweizer.

8:15-9:30 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

8:15 p.m. Music Faculty Series: James Henry, clarinetist. Music Room, East Duke Building.

Tuesday, March 13

10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Professor John Strugnell.

4:00 p.m. Mathematics Seminar. Room 114 Physics Building. Speaker: Professor Neal Rothman.

4:15-6:00 p.m. Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Kappa Delta Pi Meeting. Green Room, East Duke Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 8:00 p.m. Commonwealth-Studies Lecture: Mr. Albert Mayer. Physics Auditorium.
- 8:00 p.m. Faculty Club Seminar. Room 117 Social Science Building. Speaker: Professor Fred Joerg.
- 8:15 p.m. Student Union Last Lecture Series: Dr. Thomas Cordle. Union Ballroom.

Wednesday, March 14

- 10:00 a.m. Campus Club Coffee. Union Ballroom.
- 10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Professor John Strugnell.
- 4:00 p.m. Botany Seminar. Auditorium, Biological Sciences Building. Speaker: Mr. Paul W. Kirk, Jr.
- 4:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 114 Physics Building. Speaker: Dr. N. Bloembergen.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 6:45 and 9:05 p.m. Quadrangle Pictures. Page Auditorium. (NOTE: Special Starting Times) "IKIRU," Ikira Kurosawa's Japanese masterpiece of a pathetically ordinary man who begins to live only when he begins to die. "One of the best films of the year!"—Times, Post, Saturday Review, Time Magazine. "Best film of year"—Stratford Film Festival. "One of world's great pictures"—New York Post.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 8:15 p.m. Student Union Major Speakers Series: His Excellency, Habib Bourguiba, Jr., Ambassador of Tunisia. Woman's College Auditorium.

Thursday, March 15

Angier B. Duke Finals Week-end. See special notice.

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Mr. John Piper.
- 12:30 p.m. Plant Ecology Seminar. Room 114 Biological Sciences Building. Speaker: Dr. Frederick A. Wolf.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 3:15 p.m. Civil Engineering Seminar. Civil Engineering Staff Room, Engineering Building. Speaker: Mr. J. R. N. Rajan.
- 4:00 p.m. Honors-Masters Program Meeting. Room 208 Flowers Building.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:00 p.m. Fencing Club Meeting. Card Gymnasium.
- 8:00 p.m. Newcomers Club Meeting. University House. Speaker: Dr. J. B. Rhine.

- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, March 16

Angier B. Duke Finals Week-end. See special notice.

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Speakers: Professor John Strugnell and Mr. Olin Isenhorn.
- 12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.
- 2:00-10:00 p.m. Engineers Show. Engineering Building.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Asbury Auditorium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-12 and under must be accompanied by their mothers.
- 7:30 p.m. International Club Dancing. Ark, East Campus.
- 8:30 p.m. Duke Players Performance: "Skin of Our Teeth." Page Auditorium.

Saturday, March 17

Angier B. Duke Finals Week-end. See special notice.

- 2:00 p.m. Duke Players Performance: "Skin of Our Teeth." Page Auditorium.
- 2:00-10:00 p.m. Engineers Show. Engineering Building.
- 7:15 p.m. Faculty Club Theatre Party. Union Ballroom.
- 8:30 p.m. Duke Players Performance: "Skin of Our Teeth." Page Auditorium.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, March 12th, in the Auditorium of the new Biological Sciences Building at 4:15 p.m. Dr. F. Ghiretti, Zoological Station, Naples, Italy, will speak on "Comparative Biochemistry of the Ubiquinones (Coenzyme Q)."

Professor Ghiretti is in charge of the Department of Physiology and Biochemistry at the Zoological Station in Naples. His present research interests are in various aspects of the comparative biochemistry of respiration including cytochromes in invertebrates and the biosynthesis of hemocyanins. With Espamer Dr. Ghiretti carried out the original studies on 5-hydroxytryptamine (serotonin). During the present semester he is visiting Professor of Zoology.

Coffee and tea will be served in the foyer at 4:00 p.m. preceding the seminar.

DEPARTMENT OF RELIGION LECTURES DR. EDUARD SCHWEIZER

The Department of Religion announces the visit of Dr. Eduard Schweizer to the campus, March 10th-12th. In addition to delivering the sermon at the University Service of Worship, Dr. Schweizer will lecture on Sunday, March 11th, at 7:45 p.m. at the Presbyterian Student Center, Alexander Street, on the subject, "The Church as the Body of Christ." On Monday, March 12th, he will speak at 8:00 p.m. in Room 208 Flowers Building; his subject will be "The Origin of the Body-of-Christ Idea."

Since 1949, Dr. Schweizer has been Professor of New Testament at the University of Zurich, Switzerland. A distinguished New Testament scholar, teacher, and author with an international reputation, he has been a frequent contributor of major articles to the leading New Testament journals and *Festschriften*, Kittel's *Worterbuch*, and several of the monograph series. Two works in the Studies in Biblical Theology series authored by Schweizer are *Lordship and Discipleship* and *Church Order in the New Testament*.

The University Community is cordially invited to attend these lectures.

FALLOUT PREPAREDNESS COMMITTEE MEETING

The Fallout Preparedness Committee will meet Monday, March 12th, at 4:30 p.m. in the Trustee Boardroom, Allen Building. All members are urged to be present.

MUSIC FACULTY SERIES JAMES HENRY, CLARINETIST

The Department of Music will present a recital by James Henry, clarinetist, in the Music Room, East Duke Building on Monday, March 12th, at 8:15 p.m. Mr. Henry is an instructor in the department. He will be assisted at the piano by Mrs. Alice Wilkinson also of the department. The public is cordially invited to attend and the program will be as follows:

I	
Sonata in F Minor, Op. 120, No. 1	<i>Brahms</i>
Allegro appassionato	
Andante un poco adagio	
Allegretto grazioso	
Vivace	
II	
Première Rhapsodie	<i>Debussy</i>
III	
Sonatina	<i>Bernhard Heiden</i>
Con moto	
Andante	
Vivace, ma non troppo	

MATHEMATICS SEMINAR

The Mathematics Seminar will meet on Tuesday, March 13th, at 4:00 p.m. in Room 114 Physics Building. The speaker will be Professor Neal Rothman, University of Rochester; his subject will be "An L^1 Algebra for Linearly Quasi-Ordered Semigroups."

Coffee will be served in Room 132 at 3:30 p.m.

KAPPA DELTA PI MEETING

Kappa Delta Pi will present a panel discussion at the meeting on Tuesday, March 13th, in the Green Room of East Duke Building at 7:00 p.m. Members of the panel are student teachers from last semester: Cinda Kitchen, Cynthia Smith, and Jim Bundy. They will discuss their experiences in the student teaching field. All interested persons are invited to attend.

COMMONWEALTH-STUDIES LECTURE

Mr. Albert Mayer, distinguished authority in planning and author of *Pilot Project India*, will speak on Tuesday, March 13th, at 8:00 p.m. in the Physics Auditorium. His subject is "The Master Plan for Delhi (India): A Study in Planning." The lecture will be illustrated with slides.

Mr. Mayer has served as advisor to the government of India both in community development and in the Delhi area development program. His visit is sponsored by the Commonwealth-Studies Center and by the University. The public is cordially invited to attend.

FACULTY CLUB SEMINAR

Professor Fred Joerg will lead the second Faculty Club Seminar in discussing "You and Your Investments" on Tuesday, March 13th, at 8:00 p.m. in Room 117 Social Science Building.

STUDENT UNION LAST LECTURE SERIES

Dr. Thomas Cordle, Associate Professor of Romance Languages, will be the second speaker in this year's "Last Lecture Series" sponsored by the Student Union's Educational Affairs Committee. The address, entitled "Literature and Existence," will take place on Tuesday, March 13th, at 8:15 p.m. in the Union Ballroom. Dr. Cordle follows Dr. Paul M. Gross in the Series. The public is cordially invited to attend this address.

CAMPUS CLUB COFFEE

"Quest Without End," a new color film telling the Duke story, will be shown at the 10:00 a.m. coffee Wednesday, March 14th, in the Union Ballroom to members of the University Campus Club.

The twenty-eight minute film portrays aspects of the academic, research, religious, athletic and extra-curricular life of the University.

Hostesses for the event are members of the East Campus Departments of Administration, Food Service, Library, Physical Education, and wives of members of the Department of Political Science. Mrs. Robert S. Rankin is general chairman of the coffee.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Eduard Schweizer, Professor of New Testament, University of Zurich, will deliver the sermon at the University Service of Worship, on Sunday, March 11th, at 11:00 a.m. in the University Chapel. His subject will be "On the Mount of God." The order of service follows:

Presiding Minister: The Reverend Robert P. Hyatt, Associate Director of Religious Life, West Campus.

Organ Preludes—Benedictus *Reger*
Chorale—Prelude *Bach*

"Christ Lag in Todesbanden"

Call to Worship—"Christ Lag in Todesbanden" *Bach*

Hymn—"O for a Thousand Tongues to Sing" *Carl G. Gläser*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Praise Ye the Name of the Lord" *Nikolai Tchernepnin*

Scripture—I Kings 19:1-18

Hymn—"I Want a Principle Within" *Louis Spohr*

Call to Prayer

The Pastoral Prayer of Thanksgiving, Intercession, Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Surely He Hath Borne Our Griefs" *Handel*
from "The Messiah"

Response—The Doxology

Prayer of Dedication

Sermon—"On the Mount of God"

Prayer

Benediction

The Sevenfold Amen *Stainer*

The Chimes

Organ Postlude—Fugue in G minor *Bach*

DENOMINATIONAL ANNOUNCEMENTS

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., Chapel Room, East Duke Building, East Campus.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Episcopal Center, Holy Communion; 5:30 P.M., Supper-Discussion. Wednesday, 7:10 A.M. and 5:00 P.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:00 P.M. (note time difference this time), East Duke Chapel, Pastors Bock and Moretz, Worship with Holy Communion; LSAers are invited to attend Eduard Schweizer lecture at 7:55 P.M. at the Presbyterian Center. Wednesday, 7:30 A.M., Memorial Chapel of Duke Chapel, Holy Communion.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Study Groups; 6:00 P.M., Worship. Wednesday, Lenten Discipline Group—4:30 P.M. Friday, Lenten Discipline Group—6:30 P.M. The Rev. Thaxton Springfield, Minister—Director of the Wesley Foundation at the University of Florida will lead a Preaching Mission at the Methodist Center, March 18-22. The University Community is invited to participate in the services during the week, at 6:30 P.M. each evening.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 9:00 A.M., Sunday School, Breakfast; 6:30 P.M., Westminster Fellowship, Supper Meeting; 7:55 P.M., Dr. Eduard Schweizer of Basel, Switzerland will speak. (Westminster House, Alexander Street, just off Myrtle Drive.)

STUDENT VOICE RECITAL CLAUDIA BRAY, MEZZO-SOPRANO

The Department of Music will present a junior recital by Claudia Bray, mezzo-soprano, in the Music Room, East Duke Building on Sunday, March 11th, at 4:00 p.m. Miss Bray, who is from East Point, Georgia, is a student of Professor John Hanks. She will be assisted at the piano by Mrs. Ruth Friedberg, also of the department. The public is cordially invited to attend and the program will be as follows:

I

O del mio dolee ardor *Christoph Willibald Gluck*
*Una Voce Poco Fa ("Il Barbiere di Siviglia")

Gioacchino Rossini

II

Du bist wie eine Blume (Heine) *Robert Schumann*
Frühlingsnacht (Eichendorff) *Robert Schumann*
Das verlassene Mägdlein (Mörke) *Hugo Wolf*
Auf einer Wanderung (Mörke) *Hugo Wolf*
Auf dem grünen Balcon (Spanische Lieder) *Hugo Wolf*

III

Two arias from "Carmen" *Georges Bizet*
En vain pour éviter (Card Scene)
Près des remparts de Seville (Seguidilla)

IV

Gitanjali (Tagore) *John Alden Carpenter*
When I bring to you colored toys
The sleep that flits on baby's eyes
Rain has fallen (James Joyce) *Samuel Barber*
Sleep now (James Joyce) *Samuel Barber*
Yellow Hair (W. B. Yeats) *John Duke*
*Sung in original key E Major; ornamentation and cadenzas compiled by Miss Bray

STUDENT UNION ADVENTURE FILM AND LECTURE

The Student Union's Recreation Committee will present Captain Irving Johnson, U.S.N.R., in a lecture-film program entitled "Trade Wind Islands: Pitcairn to Zanzibar" on Monday, March 12th, at 7:30 p.m. in Page Auditorium. There will be a general admission charge of 75¢ per person with the exception of children, twelve and under, for whom the tickets will be priced at 25¢ per person.

Few living navigators know earth's lands and oceans as Irving Johnson does. Few know ancient and modern ships as he does. With naval and scientific honors to his credit, Captain Johnson became internationally famous through his globe-circling voyages in his Brigantine Yankee. Across the country Captain Johnson's lectures and books are known for their excitement, humor, and information.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, March 14th, at 4:00 p.m. in the Auditorium, Biological Sciences Building. Mr. Paul W. Kirk, Jr., Department of Botany, will speak on "The Phoma Pattern." The lecture concerns temperature-salinity influences on growth of fungi occurring in saline waters.

Refreshments will be served in the foyer at 4:00 p.m.

STUDENT UNION ADDRESS AMBASSADOR BOURGUIBA

The second of the Student Union Major Speakers Series will be presented on Wednesday evening, March 14th, in the Woman's College Auditorium at 8:15 p.m., at which time His Excellency, Mr. Habib Bourguiba, Jr., Ambassador of Tunisia to the United States, Canada, and the United Nations, will address the University Community on "Problems of New Nations." Ambassador Bourguiba's address is open to the public without charge.

His educational background includes study in Tunisia and France where he won the "Baccalaureat" in philosophy, mathematics, and spoken languages. He later graduated from Grenoble Law School in Paris and returned to Tunisia to help his father, now President Bourguiba, with the fight for Tunisian independence from France.

After the peaceful liberation in 1956, he assumed numerous important diplomatic assignments, including Ambassadorial posts to Rome and Paris.

ANGIER B. DUKE FINALISTS MEETING

The Fifteenth Annual Finalists Meeting for the Angier B. Duke Memorial Scholarships available to students from North and South Carolina is being held on the campus on Thursday, Friday, and Saturday, March 15th, 16th, and 17th. Contestants for the Scholarships from the Virginia, Maryland, and the District of Columbia Regions, will also be in attendance for the week-end.

The contestants will take part in a program of tests and interviews to determine the Scholarship winners. In addition to the program of selection, the contestants and their Duke student sponsors will be entertained at a luncheon and a dinner given in their honor.

The program is as follows:

Thursday, March 15th,

Period of informal visits to classes, laboratories, and tours of the campus.

Friday, March 16th,

12:15 p.m. Contestants Luncheon. Private Dining Room, 2nd floor, Union Building, East Campus.

2:00-5:00 p.m. Tests. Auditorium, Room 111 Biological Sciences Building, West Campus.

6:00 p.m. Contestants Dinner. Union Ballroom, West Campus.

8:30 p.m. Duke Players in "Skin of Our Teeth." Page Auditorium.

Saturday, March 17th,

9:00 a.m. Interviews.

10:30 a.m.-12:15 p.m. Student Union Open House. Room 208 Flowers Building.

12:30 p.m. Luncheon. Union Ballroom.

DUKE-U.N.C. PHYSICS COLLOQUIUM

There will be a meeting of the Joint Duke-U.N.C. Physics Colloquium on Wednesday, March 14th, at 4:00 p.m. in Room 114 Physics Building. The speaker will be Dr. N. Bloembergen. His subject will be "Electric Shift in Magnetic Resonance."

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, March 15th, at 12:30 p.m. in Room 114 Biological Sciences Building. Dr. Frederiek A. Wolf will speak on "The Beginnings of Plant Ecology at University of Nebraska."

CIVIL ENGINEERING SEMINAR

A seminar will be given by Mr. J. R. N. Rajan, Research Assistant, Department of Civil Engineering, on Thursday, March 15th, in the Civil Engineering Staff Room, Engineering Building at 3:15 p.m. The topic will be "The Study of the Motion of a Projectile in an Evacuated Tube and Propelled Under Atmospheric Pressure." All interested persons are invited to attend.

HONORS-MASTERS PROGRAM MEETING

There will be a meeting in Room 208 Flowers Building at 4:00 p.m. on Thursday, March 15th, to discuss the Honors-Masters Program. Departmental Chairmen, Directors of Undergraduate Studies, and all interested faculty members are invited to attend.

FENCING CLUB MEETING

The Fencing Club will meet Thursday, March 15th, at 7:00 p.m. in Card Gymnasium. Instruction will be available for beginners.

NEWCOMERS CLUB MEETING

The Newcomers Club will meet Thursday, March 15th, at 8:00 p.m. in the University House. Dr. J. B. Rhine, Director of the Parapsychology Laboratory, will speak at 8:30 p.m. Mrs. Horst Meyer and Mrs. J. B. Rhine will serve refreshments.

DUKE PLAYERS PERFORMANCE "THE SKIN OF OUR TEETH"

Duke Players will present Thornton Wilder's comedy, "The Skin of Our Teeth," on Friday and Saturday, March 16th and 17th, in Page Auditorium. Friday and Saturday evening performances will be at 8:30 p.m., Saturday matinee at 2:00 p.m. All seats are reserved, and reservations may be made by calling 681-0111, Extension 2911 between 2:00 and 5:00 p.m., Monday through Thursday, and from 2:00 until curtain time Friday and Saturday. Tickets for the evening performances are \$1.25, and \$1.00 for the Saturday matinee.

This is a delightful comedy of the survival of the human race, represented by Mr. and Mrs. Antrobus who go through the Ice Age, the Flood, and war to emerge believing that life is worth living and bettering. It has a large cast directed by Kenneth Reardon; sets are by Anne Fitzgibbon.

30TH ANNUAL ENGINEERS SHOW

The College of Engineering will hold its 30th Annual Engineers Show on Friday and Saturday, March 16th and 17th, from 2:00 p.m. to 10:00 p.m. in the Engineering Building. The theme, "Engineering and the Space Age," will be developed through educational and entertaining exhibits of space age engineering. A cordial invitation is extended to the public to attend the show without charge.

FACULTY CLUB THEATRE PARTY

The Faculty Club announces a Saint Patrick's Day Theatre Party scheduled for Saturday, March 17th. A social hour will begin the evening in the Union Ballroom at 7:15 p.m. The main entertainment is "The Skin of Our Teeth," the Duke Players performance beginning at 8:30 p.m. A block of seats in Page Auditorium has been reserved for the Faculty Club for the evening's performance. Tickets for the play may be purchased from S. C. Harward, Room 304 Allen Building, for \$1.25 each person. The deadline for all sales is Friday noon, March 16th.

DUKE UNIVERSITY GROUP TRAVEL PLAN

Subject to conditions outlined below, a limited number of persons in the Duke Community may secure a greatly reduced rate on transatlantic transportation this summer. Travel will be by KLM DC 8 jet plane, New York to London on June 14th, and Amsterdam to New York on August 27th. Price—\$326 round trip. Regular price is \$525.60.

CONDITIONS

1. Group must contain at least 25 members. Two children, ages 2 to 12 years, count as one member.
2. Eligible for membership—students and personnel who have been continuously affiliated with Duke for at least 6 months prior to application. Personnel may be accompanied by their immediate families.
3. Reservation deposit of \$50 must accompany application. This will be applicable to the fare and totally refundable in case of cancellation prior to final payment. Balance of fare payable not later than May 8th.
4. In case of cancellation after final payment and up to 5 days before departure, refund can be made to as many as 10 persons provided replacements are secured. Group may not depart without 25 paid passages. Cancelling members may apply their reduced fare to a full rate flight on another date. In such case, the reduced portion of the regular fare will not be refundable should there be a second cancellation.
5. Members must travel round trip with the group. Applications may be secured in Room 202-A Flowers Building.

STUDENT UNION ART EXHIBIT CONTEMPORARY SOUTH AMERICAN ART

The Student Union Fine Arts Committee, with the co-operation of the Department of Art, will present a showing of Contemporary South American Paintings in the recently remodeled gallery of the Woman's College Library. This showing, which may be seen during the month of March, is open to the public without charge during the regular library hours.

The exhibit has been assembled by Gaillard F. Raveul, '63, from private collections and individual artists in the Washington area.

The artists whose works are on exhibition include both the modern masters of Latin America: Matta of Chile; Tamajo of Mexico; and Lam of Cuba, as well as a cross section of the leaders of the contemporary school: Millian of Cuba; Castrocid of Chile; Obrigon of Columbia; Mabe of Brazil; and Cuevas of Mexico.

QUADRANGLE PICTURES CLOSED

Quadrangle Pictures will be closed Saturday, March 17th, for the Duke Players performance of "Skin of Our Teeth."

ADVANCE NOTICE BENJAMIN N. DUKE ART LECTURE

The second Benjamin N. Duke Lecture in Art will be presented by Dr. Ernst Gombrich, Director of the Warburg Institute, University of London, and Slade Professor, Oxford University, on Thursday, March 22nd, at 8:15 p.m. in the Music Room, East Duke Building. The lecture has been made possible by the support of the Mary Duke Biddle Foundation and has been arranged by the Department of Art. Dr. Gombrich will speak with slides on "The Cartoonist's Armoury." Members of the University Community are cordially invited to the lecture and to an informal reception honoring Dr. Gombrich following the lecture.

ADVANCE NOTICE GRADUATE FRENCH AND SPANISH EXAMINATIONS

The French and Spanish Examinations for candidates for graduate degrees will be given on Friday, April 13th, in Room 113-114 Physics Building at 4:00 p.m. Candidates should register in the Graduate School Office for these examinations not later than March 30th.

RE-SCHEDULING OF ELISABETH SCHWARZKOPF

Due to illness ELISABETH SCHWARZKOPF postponed her trip to the United States. Her concert originally scheduled for Friday, March 9th, has been re-scheduled for Thursday, November 15th, 1962. It is requested that all ticket holders hold their tickets for this date. Those who will not be on campus or for some other reason desire a refund are requested to return their tickets to Room 202-A Flowers Building or to Box KM, Duke Station, and a refund will be forthcoming.

WEEK OF
March 18-24, 1962

CALENDAR

WEEK OF
March 18-24, 1962

OF DUKE UNIVERSITY



Events of the Week

Sunday, March 18

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "Spring Practice." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Student Organ and Voice Recital. Students of Mildred Hendrix and John Hanks. Methodist Student Center.

6:30 p.m. International Club Dinner. Presbyterian Student Center.

Monday, March 19

3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:15 p.m. Zoology Seminar. Biological Sciences Auditorium. Speaker: Dr. Joseph Shapiro.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

8:15 p.m. Mary Duke Biddle Foundation Lecture: Vittorio Giannini. Music Room, East Duke Building.

8:15-9:30 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Tuesday, March 20

10:10 a.m. Divinity School Chapel Service. York Chapel. Professor John W. Carlton.

4:15-6:00 p.m. Concert Band Rehearsal. Room 208 Asbury Building.

5:00 p.m. Gerontology Seminar. York Chapel. Speaker: Dr. Paul M. Maves.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Kappa Delta Pi Initiation. Green Room, East Duke Building.

Wednesday, March 21

10:10 a.m. Divinity School Chapel Service. York Chapel. Professor John W. Carlton.

4:00 p.m. Botany Seminar. Auditorium, Biological Sciences Building. Speaker: Dr. Joseph S. Kahn.

4:00-5:30 p.m. Informal student reception for Mr. and Mrs. Vittorio Giannini and Mr. Edward Kilenyi. Room 208 Asbury Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Professor Donald W. MacKinnon.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:00-9:00 p.m. Open Hour Badminton. Women's Gymnasium. Open to faculty and students.

7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Smiles of a Summer Night," starring Ulla Jacobsson and Gunnar Bjornstrand. Ingmar Bergman's Cannes Film Festival prizewinner for best comedy. "It has its own morality in its laughter at the pretensions of folly." Herald Tribune.

8:00 p.m. Graduate Wives Club Meeting: Departments of Economics, History, and Political Science. President's Room, Woman's College Auditorium. Speaker: Mrs. Davis Wray.

8:15 p.m. Student Union Young Artists Series: Edward Kilenyi, pianist. Music Room, East Duke Building.

Thursday, March 22

10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Douglass Gilbert

12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

7:00 p.m. Fencing Club Meeting. Card Gymnasium.

8:00 p.m. Danish Gym Team Exhibition. Indoor Stadium.

8:00 p.m. Joint Duke-U.N.C. Philosophy Colloquia. Room 213 Caldwell Hall, Chapel Hill. Speaker: Professor Arthur N. Prior.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

8:15 p.m. Benjamin N. Duke Art Lecture: Dr. Ernst Gombrich. Music Room, East Duke Building.

Friday, March 23

10:10 a.m. Divinity School Chapel Service. York Chapel. Professor John W. Carlton and Mr. Kelly Jones.

12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.

3:15 p.m. Music Department Seminar: "Contemporary Techniques in Musical Composition." Panel: Messrs. Giannini, Hamilton, William Klenz and guest John Barnes Chance (Ford Foundation Composer) and Martin Mailman

(former Ford Foundation Composer, East Carolina College, Greenville, N. C.) Room 208 Flowers Building.

4:00 p.m. Joint Duke-U.N.C. Philosophy Colloquia. Room 211-A West Duke Building. Speaker: Professor Arthur N. Prior.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Asbury Auditorium.

8:15 p.m. Duke Symphony Orchestra Concert: Edward Kilenyi, piano soloist. Page Auditorium.

Saturday, March 24

12:30 p.m. Spring Recess Begins.

UNIVERSITY SERVICE OF WORSHIP

On Sunday, March 18th, at 11:00 a.m. the University Service of Worship will be held in the University Chapel. The Reverend Professor James T. Cleland, Dean of the Chapel, will deliver the sermon, entitled, "Spring Practice." The order of worship is as follows:

Presiding Minister: The Reverend Howard C. Wilkinson, Chaplain to the University

Organ Preludes—Sketch in F minor *Schumann*

"Chorale and Andante" from 5th Sonata *Mendelssohn*

Call to Worship—"Sanctus" from Mass II *Hassler*

Hymn—"Fairest Lord Jesus" *From Schlesischen Volkslieder*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Alleluja" *Johann Bach*

Scripture—I Timothy 4:1-10

Hymn—"Fight the Good Fight With All Thy Might"

William Boyd

Call to Prayer

The Pastoral Prayer of Thanksgiving, Intercession, Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"The Marvellous Work"

(from "The Creation")

Joseph Haydn
Leslie Holmes, soprano soloist

Response—The Doxology

Prayer of Dedication

Sermon—"Spring Practice"

Prayer

Benediction

The Sevenfold Amen

Stainer

The Chimes

Organ Postlude—Sketch in C

Schumann

KAPPA DELTA PI INITIATION

The initiation of new members into Kappa Delta Pi will take place on Tuesday, March 20th, at 7:00 p.m. in the Green Room, East Duke Building. All members are invited to attend. A social hour will follow the initiation.

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 6:30 P.M., Watts Street Baptist Church; Series on the Epistle to the Romans. Also, rides will leave from East and West Circles for Murdock School, at Butner, at 1:30 P.M. Anyone interested in helping in the teaching program there is invited to come. **Wednesday, 6:00 P.M.,** General meeting in the Ark, East Campus.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., Chapel Room, East Duke Building, East Campus.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Study groups at the Methodist Center. 6:00 P.M., Worship. Preacher, the Reverend Thaxton Springfield. **Monday-Thursday:** 7:15 A.M., Holy Communion; 6:30 P.M., Preaching Mission. The Spring Retreat will be held at Camp Kanata, April 7-8. The Reverend Douglas Corriher, Providence Methodist Church, Charlotte, N. C., will lead the Retreat around the theme, The Renewal of the Church. Register at the Methodist Student Center. Cost: \$2.50.

WESTMINSTER FELLOWSHIP (PRESBYTERIAN): Sunday, 5:00 P.M., rides leave East Campus circle to go to Chapel Hill for Supper. The group will be guests of the University of N. C. Westminster Fellowship. 9:00 A.M., Sunday School and breakfast.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Green Room, East Duke Building, East Campus, Walter Moretz, "Odd-balls' and Church Reforms"; another study of Reformation history: how non-conforming groups were dealt with, and who they were. We suggest that they were different, not "different." Also—officer selection for next year. **Wednesday, 7:30 A.M.,** Holy Communion, Memorial Chapel of Duke Chapel.

INTERNATIONAL CLUB DINNER

The annual International Dinner will be given on Sunday, March 18th, at 6:30 p.m. in the Presbyterian Student Center. A cordial invitation is extended to all members of the University Community to attend this interesting function at which a variety of foreign foods may be sampled.

Tickets, priced at \$1.00 for Club members and \$1.25 for non-members, may be secured at the bus stop on West Campus or from Club members. Tickets at the door will be \$1.75 each.

ZOOLOGY SEMINAR

The Zoology Seminar will meet on Monday, March 19th, in the Biological Sciences Auditorium at 4:15 p.m. Dr. Joseph Shapiro, Department of Sanitary Engineering, Johns Hopkins University, will speak on "Organic Acids in Lake Waters." Dr. Shapiro has been associated, in one capacity or another, with McGill, Saskatchewan, Yale, Washington, and Johns Hopkins Universities. He is known for his studies

of the plankton of northern Saskatchewan lakes, of oxygen anomalies in Washington lakes, and above all, for his studies of organic acids in lake waters. By ingenious application of folk arts, particularly those of illicit whiskey manufacturers, to the problems left unresolved by modern techniques of analytical organic chemistry, he has contributed more to our understanding of the dissolved organic matter in lake waters than all previous workers combined.

Coffee and tea will be served in the foyer at 4:00 p.m.

STUDENT ORGAN AND VOICE RECITAL

The Department of Music will present an organ and voice recital by students of Mildred Hendrix and John Hanks on Sunday, March 18th, at 4:00 p.m. in the Methodist Student Center. The public is invited to attend and the program will be as follows:

Toccata in E minor	<i>Pachelbel</i>
Chorale Prelude from the "Orgelbuchlein"	<i>Bach</i>
"He Who Will Suffer God to Guide Him"	
Jackie Ward	
Et exultavit spiritus ("Magnificat")	<i>Bach</i>
Elender Dennis, Soprano	
Prelude and Fugue in E minor (the Cathedral)	<i>Bach</i>
Pat Davis	
Quia respexit ("Magnificat")	<i>Bach</i>
Nancy Lassiter, Soprano	
Three Preludes (from "Six Short Preludes and Intermezzi")	<i>Schroeder</i>
I Maestoso, IV Allegretto, VI Poco Vivace	
Susan Blount	
Et misericordia ("Magnificat")	<i>Bach</i>
Claudia Bray, Mezzo-Soprano	
Michael Best, Tenor	
"Sleepers Wake" from the Six "Schubler"	
Chorale Preludes	<i>Bach</i>
Bayle Sawyer	
Esurientes implevit bonis ("Magnificat")	<i>Bach</i>
Claudia Bray, Mezzo-Soprano	
Concerto #2	<i>Handel</i>
Maestoso, Allegro	
Frances Little	
Elender Dennis accompanist for singers	

COUNCIL ON GERONTOLOGY SEMINAR

The Duke University Council on Gerontology Seminar will be held on Tuesday, March 20th, at 5:00 p.m., in the York Chapel, Divinity School. Dr. Paul B. Maves, George T. Cobb Professor of Religious Education, Drew University, will speak on "Research on Religion in Relation to Aging." All interested persons are invited to attend.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, March 21st, at 4:00 p.m. in the Auditorium, Biological Sciences Building. Dr. Joseph S. Kahn, Department of Botany, North Carolina State College, will speak on "Photosynthetic Phosphorylation."

Refreshments will be served in the foyer at 4:00 p.m.

MARY DUKE BIDDLE FOUNDATION LECTURE VITTORIO GIANNINI

Vittorio Giannini, eminent composer and member of the faculty of the Juilliard School of Music will present a lecture, "Music and the Musician," under the auspices of the Mary Duke Biddle Foundation on Monday, March 19th, at 8:15 p.m. in the Music Room, East Duke Building. An informal reception will follow in the Parlors of East Duke Building. The public is cordially invited to attend.

Mr. Giannini, a native of Philadelphia, received his musical training at the Milan Conservatory and the Juilliard School of Music. Since 1939 he has taught Composition, Harmony, Counterpoint, and Orchestration at Juilliard and at the Manhattan School of Music. From 1955-60 he also taught at the Curtis Institute in Philadelphia. A catalogue of over seventy works written since 1930 presents opera, radio-opera, choral music, works for orchestra and band, chamber music, piano music and songs. He has received many commissions among them being one in 1959 by Duke University to write **Symphony No. 3 for Band** which received its premier performance by the Duke Concert Band in the spring of 1959. Among his prizes and awards are: the American Grand Prix de Rome (1932), the Juilliard Publication Award (1931, String Quartet), the Society for Publication of American Music (1932, Piano Quintet), and the New York Critics Circle Award for his opera, "The Taming of the Shrew," in 1955. Mr. Giannini is a Fellow of the American Academy in Rome (1936); a Fellow of the International Institute of Arts and Letters (Zurich, 1961). He is the recipient of the honorary Doctor of Music degree from the New York College of Music (1939), the Curtis Institute of Philadelphia (1957), and the Cincinnati College Conservatory (1961).

PSYCHOLOGY COLLOQUIUM

Professor Donald W. MacKinnon, Director of the Institute of Personality Assessment and Research at the University of California at Berkeley, will be a guest of the Department of Psychology to consult on problems of creativity with respect to undergraduate education. He will give a talk at the Psychology Colloquium on Wednesday, March 21st, in Room 209 Bivins Building at 4:30 p.m. The title of his talk will be "Personality Characteristics of the Creative: A Study of American Architects."

Professor MacKinnon was Sheldon Travelling Fellow from Harvard at the University of Berlin in 1930-31 and took his doctorate at Harvard in 1933, when he went to Bryn Mawr. During World War II he joined the Personality Assessment Board of OSS and soon became director of its Station S, near Washington. He was a major contributor to the book, **Assessment of Men**, which reports this operation, and in 1947 left his Bryn Mawr professorship to develop and direct the Institute of Personality Assessment. He is also co-author of **Explorations in Personality**.

All interested persons are invited to attend the Colloquium. Coffee will be served at 4:00 p.m.

GRADUATE WIVES CLUB MEETING

The Graduate Wives Club of the Departments of Economics, History, and Political Science, which will be known hereafter as Polisteconae, will hold its monthly meeting on Wednesday, March 21st, at 8:00 p.m. in the President's Room of the Woman's College Auditorium. The speaker will be Mrs. Davis Wray of the Department of Physical Education.

STUDENT UNION YOUNG ARTISTS SERIES EDWARD KILENYI, PIANIST

Edward Kilenyi, Hungarian pianist, will present the third concert in the Student Union's Young Artist Series on Wednesday, March 21st, at 8:15 p.m. in the Music Room, East Duke Building. Mr. Kilenyi will also perform as featured soloist at the Duke Symphony Orchestra concert on Friday, March 23rd, at 8:15 p.m. in Page Auditorium.

Kilenyi, a musical prodigy, began his studies at the age of eleven with the pianist-composer Ernst von Dohnanyi. Before appearing in America, he completed successful tours in England and on the Continent.

In this country Kilenyi has appeared with orchestras including the New York Philharmonic Symphony and the Philadelphia Orchestra. He has recently introduced a new form of recital in which the audience makes its own selections from 32 Beethoven sonatas.

His program follows:

Prelude and Fugue in C major	<i>J. S. Bach</i>
Prelude and Fugue in C minor	<i>J. S. Bach</i>
(from Vol. 1 of the Well-tempered Clavier)	
Two Sonatas in C major	<i>Scarlatti</i>
Sonata in B flat minor, Op. 35	<i>Chopin</i>
Rhapsody in G minor, Op. 79, No. 2	<i>Brahms</i>
Intermezzo in A flat major, Op. 76, No. 3	<i>Brahms</i>
Capriccio in F minor, Op. 28, No. 6	<i>Dohnanyi</i>

Intermission

Six Preludes, Book I	<i>Debussy</i>
La fille aux cheveux de lin	
Ce qu'a vu le vent d'Ouest	
La serenade interrompue	
La Cathedrale engloutie	
La Danse de Puck	
Minstrels	
"Evening in the Szekely Country"	<i>Bartok</i>
Hungarian Rhapsody No. 15	<i>Liszt</i>
(Rakoczy March)	

DANISH GYM TEAM IN INDOOR STADIUM

The Men's and Women's Physical Education Departments present the internationally famed Danish Gym Team in the Indoor Stadium on Thursday, March 22nd at 8:00 p.m.

Thirty-two highly skilled young Danish men and women, under the direction of Mr. Erik Flensted-Jensen of Copenhagen, will give an exhibition of gymnastics, apparatus, and folk dances. Tickets are priced at \$1.00 and may be purchased this week at the Duke Athletic Office or the Women's Physical Education Office, or at the door on Thursday evening.

JOINT DUKE-U.N.C. PHILOSOPHY COLLOQUIA

Arthur N. Prior, Professor of Philosophy at the University of Manchester, now Visiting Professor at the University of Chicago, will be the guest of the Philosophy Departments of Duke and U. N. C. on Thursday, March 22nd, and Friday, March 23rd. On Thursday, March 22nd, Professor Prior will speak in Room 213 Caldwell Hall, Chapel Hill, at 8:00 p.m. on "Changes in Events and Changes in Things." On Friday, March 23rd, Professor Prior will speak on "The Calculus of Worlds" in Room 211-A West Duke Building at 4:00 p.m. Interested members of the University Community are cordially invited to attend.

BENJAMIN N. DUKE ART LECTURE

The second Benjamin N. Duke Lecture in Art will be presented by Dr. Ernst Gombrich, Director of the Warburg Institute, University of London, and Slade Professor, Oxford University, on Thursday, March 22nd, at 8:15 p.m. in the Music Room, East Duke Building. The lecture has been made possible by the support of the Mary Duke Biddle Foundation and has been arranged by the Department of Art. Dr. Gombrich will speak with slides on "The Cartoonist's Armoury." Members of the University Community are cordially invited to the lecture and to an informal reception honoring Dr. Gombrich following the lecture.

NORTH CAROLINA PHYSICAL THERAPY WEEK

During North Carolina Physical Therapy Week, March 19th-23rd, the Physical Therapy Department of the Duke University Medical Center will be pleased to have interested members of the University Community visit the department. Undergraduate students interested in a career in physical therapy will be given an opportunity to attend classes or observe in the physical therapy clinic with the present physical therapy students. There also will be an opportunity to talk with members of the faculty about the necessary prerequisites for study of the profession.

Physical therapy classes will be scheduled from 9:30 a.m. to 12:30 p.m. and 1:30 p.m. to 5:00 p.m. Visitors will be welcomed any time during these hours. In addition, the Peggy Mann Show on WTVD, at 1:00 p.m., March 22nd, will present a discussion and demonstration of physical therapy. The film *The Return* is scheduled to be shown on WTVD at 4:00 p.m., Saturday, March 24th.

QUADRANGLE PICTURES CLOSED

Quadrangle Pictures will be closed Saturday, March 24th, for the Spring Recess, and will re-open April 4th with the showing of Sergei Eisenstein's Russian classic. "BATTLESHIP POTEMKIN."

DUKE SYMPHONY ORCHESTRA SPRING CONCERT

The spring concert of the Duke Symphony Orchestra, Allan Bone, conductor, will be presented on Friday, March 23rd, at 8:15 p.m. in Page Auditorium. Vittorio Giannini of the Juilliard School of Music will be guest conductor and Edward Kilenyi of Florida State University will be piano soloist. Vocal soloists in the operatic excerpts will be local artists John Hanks, Joel Carter, Byung Kwan, Steven Kimbrough, and students Nancy Lassiter and Michael Best. New York City soloists will be Johanna Meier and Eugene Green. Admission will be \$1.00. The program will be as follows:

Symphony No. 2 ("Romantic"), Opus 30 *Howard Hanson*

Adagio—Allegro moderato

Andante con tenerezza

Allegro con brio

Piano Concerto No. 5 ("Emperor"), Opus 73 *Beethoven*

Allegro

Adagio un poco mosso

Rondo: Allegro

Edward Kilenyi, Soloist

Intermission

Excerpts from the Opera

"The Taming of the Shrew" (1953)

Overture to Act I

Opening Ensemble from Act I

Lucentio, John Hanks

Tranio, Byung Kwan

Baptista, Joel Carter, UNC Music Dept.

Gremio, Michael Best

Katharina, Johanna Meier, New York City

Hortensio, Steven Kimbrough

Bianca, Nancy Lassiter

Soloists are listed in the order of their appearance

Duet, end of Act II, Scene 1

Bianca, Johanna Meier

Lucentio, John Hanks

Duet, end of Act III

Katharina, Johanna Meier

Petruchio, Eugene Green, New York City

Conducted by the Composer

ADVANCE NOTICE 1962 ALUMNAE DAY

The 1962 Alumnae Day has been set for Saturday, April 8th. The morning program will be held in East Duke Building.

10:00-11:00 a.m. "Ideology and Reality in Soviet Political Philosophy." Speaker: Dr. Glenn R. Negley, Professor of Philosophy.

11:00-11:30 a.m. Coffee Hour.

11:30 a.m.-12:30 p.m. "The Listener's Understanding of Contemporary Music." Speaker: Iain Hamilton, Visiting Mary Duke Biddle Professor of Music.

1:00 p.m. Luncheon honoring Dr. R. Florence Brinkley, Dean of the Woman's College. Annual meeting of the Alumnae Association. Woman's College Union.

Members of the University Community are cordially invited to the Alumnae Day program and the luncheon honoring Dean Brinkley. Tickets for the luncheon should be purchased in the Alumnae Office, 106 West Campus Union Building, before Tuesday, April 3rd.

**University
Official Examination Schedule
Spring Semester, 1962**

ANY STUDENT HAVING A SCHEDULE OF THREE EXAMS WITHIN TWENTY-FOUR HOURS OR TWO EXAMS AT THE SAME TIME MUST REPORT TO THE DEAN'S OFFICE *NOT LATER THAN MAY 4* TO REQUEST A CHANGE IN SCHEDULE.

Thursday
May 17 7:00- 8:00 p.m. PHYSICAL EDUCATION

Friday
May 18 UNDERGRADUATE READING PERIOD

Saturday 9:00-12:00 noon TTS 3
May 19 2:00- 5:00 p.m. Math 18, 21, 22

Monday 9:00-12:00 noon TTS 2
May 21 2:00- 5:00 p.m. French, Spanish 64 &
Engineering 2.5-2.8

Tuesday 9:00-12:00 noon TTS 1
May 22 2:00- 5:00 p.m. Psychology 91 &
Engineering 2.1-2.4
7:00-10:00 p.m. Chemistry 2 and Botany 2

Wednesday 9:00-12:00 noon TTS 4
May 23 2:00- 5:00 p.m. Physics 2, 42
7:00-10:00 p.m. Air Science

Thursday 9:00-12:00 noon TTS 6
May 24 2:00- 5:00 p.m. Political Science 12, 62
7:00-10:00 p.m. Religion 2, 2X

Friday 9:00-12:00 noon MWF 3
May 25 2:00- 5:00 p.m. MWF 5 and Naval Science

Saturday 9:00-12:00 noon MWF 4
May 26 2:00- 5:00 p.m. English 1 and 2

Monday 9:00-12:00 noon MWF 6
May 28 2:00- 5:00 p.m. MWF 1
7:00-10:00 p.m. Philosophy 48, 49

Tuesday 9:00-12:00 noon MWF 2
May 29 2:00- 5:00 p.m. History 2, 2X & 6

Wednesday 9:00-12:00 noon All Language 2
May 30 2:00- 5:00 p.m. Math 64

ENGINEERING COURSES, OTHER THAN ENGINEERING 2, WILL MEET FOR EXAMINATION AT THE REGULAR CLASS PERIODS.

Chemistry (except Chemistry 2) and Zoology classes meet for examination at the time scheduled for their general lecture period. ANY EXAMINATION NOT COVERED IN THE FOREGOING SCHEDULE IS TO BE ARRANGED BY THE INSTRUCTOR IN CHARGE OF THE COURSE IN THE PERIOD BEGINNING May 19, 9:00 a.m. AND ENDING May 30, 5:00 p.m. NO EXAMINATION IS TO BE GIVEN BEFORE 9:00 a.m., May 19, WITH THE EXCEPTION OF PHYSICAL EDUCATION. NO CHANGE IS TO BE MADE IN ANY SCHEDULED EXAMINATION WITHOUT THE

University Schedule Committee
APPROVAL OF THE COMMITTEE.

**LIBRARY SCHEDULE—SPRING VACATION
1962**

The General Library will operate according to the following schedule during the Spring Vacation period, March 24-April 1st.

Saturday, March 20—8:00 a.m.-5:00 p.m.

Sunday, March 25—Closed

Monday, March 26-Friday, March 30—8:00 a.m.-5:00 p.m.

Saturday, March 31—8:00 a.m.-1:00 p.m.

Sunday, April 1—Closed

Monday, April 2—Resume regular schedule

Woman's College Library will be open and operating according to the following schedule:

Saturday, March 24—8:00 a.m.-1:00 p.m.

Sunday, March 25—Closed

Monday, March 26-Friday, March 30—9:00 a.m.-5:00 p.m.

Saturday, March 31—9:00 a.m.-1:00 p.m.

Sunday, April 1—Closed

Monday, April 2—Resume regular schedule

Schedules for school, college, and departmental libraries will be posted in those libraries.

**SUMMER SCHOOL PREACHING SCHEDULE,
1962**

June 17—Dr. J. Claude Evans, Chaplain to Southern Methodist University

June 24—Professor James T. Cleland, Dean of the Chapel

July 1—President Earl G. Hunt, Jr., Emory and Henry College

July 8—Bishop Coadjutor Thomas A. Fraser, Jr., Episcopal Diocese of N. C.

July 15—Dean Cleland

July 22—Reverend Howard C. Wilkinson, Chaplain to the University

July 29—Dr. Lee F. Tuttle, Secretary, World Methodist Council

Aug. 5—Holy Communion—Dr. W. Arthur Kale, The Divinity School

Aug. 12—Dr. Kelsey Regen, First Presbyterian Church, Richmond, Virginia

Aug. 19—Dr. Creighton Laey, The Divinity School

**ADVANCE NOTICE
GRADUATE FRENCH AND SPANISH
EXAMINATIONS**

The French and Spanish Examinations for candidates for graduate degrees will be given on Friday, April 13th, in Room 113-114 Physics Building at 4:00 p.m. Candidates should register in the Graduate School Office for these examinations not later than March 30th.

ARLINGTON, VIRGINIA

